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TECHNICAL AREA: AIR QUALITY

Data Request 1 Rev: Please provide the heating value and chemical characteristics of

the proposed gas turbine natural gas fuel.

#### **Response:**

Composition and other analytical data for the natural gas supply that will be used for the Bullard Energy Center are shown in the following table. These data were provided by PG&E, which will be the natural gas supplier to the BEC. Note that although Hydrogen Sulfide is shown in the table at a zero concentration, i.e., below detection, in the composition analysis, a non-zero sulfur content was assumed in the AFC emission calculations and dispersion modeling simulations. Specifically, based on PG&E's guaranteed properties for pipeline quality natural gas (see PG&E website <a href="http://www.pge.com/pipeline/operations/sulfur/sulfur\_info.shtml">http://www.pge.com/pipeline/operations/sulfur/sulfur\_info.shtml</a> - survey results), the following conservative assumptions were made: (1) for averaging times of 1 to 24 hours, a worst-case natural gas sulfur content of 0.5 grains per 100 dry standard cubic feet (dscf) was used; and (2) for annual average calculations a more typical value of 0.32 grains per 100 dscf was used.

	Bullard	Natura	l Gas	
Constitu	uents		Analysis Resu	lts
Hydrogen	0.0000		Total %	100
Methane	94.9600		Total Mol. Wgt.	16.8513
Ethane	3.2800		HHV , Btu / scf	1023.69
Ethylene	0.0000		SG	0.5817
Propane	0.1100		LHV , Btu / scf	923.51
Propylene	0.0000		LHV , Btu / lb	20744.3
Butane	0.0400		HHV , Btu / lb	22994.6
Butylene	0.0000		Wobbe	46.722
Butadiene	0.0000		Compressibility	0.99799
Pentane	0.0000			
Cyclopentane	0.0000			
Hexane	0.0000			
Heptane	0.0000			
Carbon Monoxide	0.0000			
Carbon Dioxide	0.6800			
Nitrogen	0.9300			
Water Vapor	0.0000			
Oxygen	0.0000			
Hydrogen Sulfide	0.0000			
7 : 30 : 0 :		i		

Ammonia

0.0000

TECHNICAL AREA: AIR QUALITY

Data Request 2 Rev: Please provide the location of each of the proposed emission

reduction credit sources.

Response:

Bullard Energy Center ERCs

Cert. No.	Holder/ Seller	Type	Annual	Reduction Mechanism	Source Location	Purchase Agreement
Required		SO <sub>x</sub>	3.990			
N-268-5	J R Simplot Company	$SO_x$	3.990	Modification to Sulfuric Acid Adsorption process	16777 S. Howland Rd Lathrop, CA	Agreement signed August 29, 2006
Required		$PM_{10}$	45.075			
N-268-5	J R Simplot Company	PM <sub>10</sub> *	6.630	Modification to Sulfuric Acid Adsorption process	16777 S. Howland Rd Lathrop, CA	Agreement signed August 29, 2006
C-347-4	Calpine Corp.	$PM_{10}$	38.442	Shutdown of vegetable oil mill	2365 E. North St. Fresno, CA	Targeted Holding
Required		VOC	22.755			
S-2333-1	Big West	VOC	22.755	Modify process to incinerate Coker exhaust in CO boiler	Rosedale Hwy. STR 28/29S/27E	Agreement signed September 26, 2006
Required		$NO_x$	72.750			
S-2217-2	Complete Energy (LaPaloma)	NO <sub>x</sub>	14.2805	Convert steam generators from oil/NG to NG only	STR 34/28S/21E	Agreement signed October 26, 2006
S-2218-2	Complete Energy (LaPaloma)	NO <sub>x</sub>	8.1395	Modify steam generators to fire on NG only (not oil)	STR 34/28S/21E	Agreement signed October 26, 2006

**Bullard Energy** Center **ERCs** 

Cert. No.	Holder/ Seller	Туре	Annual	Reduction Mechanism	Source Location	Purchase Agreement
S-2362-2	Panoche Energy Center, LLC	NO <sub>x</sub>	50.779	Retrofit of stationary reciprocating engines with pre- combustion chambers	Section NE-35, T-305, R23-E	SJVAPCD issued Certificate on September 25, 2006

Note: All ERC values in expressed in tons

All ERC values assume that 1.5 distance ration applies

NOx oxides of nitrogen

PM10 = particulate matter less than 10 micrometers in diameter

SOx oxides of sulfur

SJVAPCD = San Joaquin Valley Unified Air Pollution Control District

TBD to be determined

volatile organic compound VOC

 <sup>\*</sup> SOx used for PM10 inter-pollutant offset at 1.8 to 1 ratio
 \*\* This Certificate has not been secured

**TECHNICAL AREA: ALTERNATIVES** 

Data Request 3 Rev: Please provide an evaluation of the comparative engineering,

economic, and environmental merits of the alternatives

discussed in subsection (f)(1)

#### Response:

Herndon, Kearney and Gregg substations are all locations that were investigated as alternate sites and dismissed due to fatal flaws. Detailed comparison of engineering, economic and environmental attributes is not relevant as the sites were deemed not acceptable.

Gregg substation was evaluated and dropped from consideration because no suitable land was available for power plant development. PG&E advised that this was an undesirable location for a capacity addition to their system.

Herndon substation was evaluated and dropped from consideration because there was no suitable land available for power plant development. PG&E owns 40 acres immediately adjacent to the substation and has adopted a policy to not lease or sell such land to developers. Residential areas further surround the 40 acre buffer. If suitable land could have been obtained, the additional distance to the substation would have resulted in the need for an interconnecting transmission line and additional cost.

Kearney substation is surrounded by city owned land and the city was not interested in leasing or selling the land for a power plant development. If land could have been found in the area, at lease an additional 14 miles of electrical transmission line would need to be re-conductored as the power is required at the Herndon location. This would have resulted in an additional cost of at least \$10M to the project. The cost of gas service was estimated to be about the same as at the chose location at Bullard.

#### TECHNICAL AREA: BIOLOGICAL RESOURCES

Data Request 4 Rev: Provide the qualifications for the biologist who conducted the

biological surveys.

#### Response:

See attached resume for the URS biologist who conducted the biological surveys for the project:



#### Johanna La Claire

Biologist

#### Overview

Ms. La Claire's combined work experience and education provide a wide range of ecological training. She has over seven years of experience working in the fields of botany, wildlife, habitat restoration, stream monitoring, and ecosystem inventory, assessment, and monitoring. Ms. La Claire's position at URS involves vegetation surveys and mapping, habitat assessment, habitat restoration, wildlife surveys (particularly birds and California red-legged frogs), wetland delineation, construction compliance and monitoring, GIS mapping, and project management.

#### **Project Specific Experience**

#### Project Management Experience

Project manager for several restoration projects including Ellwood Mesa Native Grassland Restoration, Santa Barbara Airport Safety Grading Mitigation Restoration Monitoring, Calleguas Creek Restoration Monitoring, and Bohnett Park Creek Restoration Monitoring.

#### **Habitat Restoration Experience**

- Monitor and implement several restoration projects in Santa Barbara and Ventura counties, such as Tumpike Bioswale, Rhoads Bioswale, Bohnett Park, Firestone Drainage, Las Vegas Creek, Calleguas Creek, Foster Park, and Casitas Dam Modernization Project.
- Restoration Coordinator, University of California. Responsible for
  creating native grassland, vernal marsh, and vernal pool habitat related
  to environmental mitigation. Supervised the initial grading of the
  landscape for proper topography. Duties included collecting native
  seed, planting native species, and removing exotic species.
  Conducting various flora, fauna, and environmental monitoring for
  performance criteria. Developing research projects related to vernal
  pool habitat restoration. Supervise several student interns, volunteers,
  and assistants.
- Assistant Resource Ecologist, California State Parks. Served as the
  lead person and supervised up to six employees for several ecological
  restoration, species monitoring, inventory, and exotic species removal
  projects. Conducted and Ecological Condition Assessment for the
  Inland Empire District. Managed a program for the removal of
  Brown-headed cowbirds. Prepared environmental permit applications,
  state contracts, and purchased supplies. Managed a native plant
  nursery, GIS databases, and other natural resource databases.
- Habitat Restoration Assistant, Santa Barbara Audubon Society.
   Teamed in restoration activities in the Goleta Slough that included: plant inventory, planning for and removal of exotics, and

#### **Areas of Expertise**

- Restoration Planning, Implementation, and Monitoring (bioswales, grassland, vernal pool, riparian, coastal sage scrub, chaparral, and oak woodland)
- Vegetation/Rare Plant surveys
- California Red-legged Frog USFW Protocol Surveys
- Least Bell's Vireo Surveys
- General Wildlife Surveys
- Stream monitoring
- Wetland Delineation
- Construction Compliance and Monitoring
- GPS and GIS mapping

#### **Years of Experience**

With URS: 3 Years With Other Firms: 5 Years

#### Education

MS/Environmental Science and Management/2001/University of California, Santa Barbara

BS/Environmental Studies/1999/ University of California, Santa Barbara

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development and implementation of a planting program using native species.

#### **Botanical Experience**

Botanical experience includes work in Santa Barbara, Ventura, and San Luis Obispo Counties, Berkeley, Mojave Desert, and Southern California

- Prepared several vegetation maps for projects such as Lake Casitas
  Recreation Area Resource Management Plan (RMP), Lake Cachuma
  State Recreation Area (SRA) RMP, Santa Barbara Fire Management
  EIR, Meiners Oaks Trunk Sewer Relocation, Goleta Slough Fish and
  Game Properties, Mountain View Power Project, Gaviota Creek,
  Ventura River, Piru Creek, and Lauro Reservoir.
- Conducted point-intercept vegetation transect monitoring for several projects such as Lake Perris Recreation Area Grassland Experiment, UCSB Restoration Projects, Santa Barbara Airport Safety Area Grading Project.
- Performed rare plant surveys for Mountain View Power Project, Lauro Reservoir, Lake Cachuma RMP, Lake Casitas RMP, and MWD Colorado Aqueduct HCP (Mojave Desert).
- Performed vegetation transect surveys using the quadrat method for vernal pools and grasslands at UCSB and Ellwood.
- Volunteered for the Catalina Conservancy to conduct weed mapping using a GPS unit (Summer 2002)

#### Wildlife Surveys and Monitoring

- Performed USFWS protocol surveys for the California Red-legged Frog (CRLF) for several projects in Santa Barbara, San Luis Obispo, and Ventura Counties. Received training on USFWS protocol surveys from Vince Semonsen. We conducted several day and night surveys within several drainages of the Lake Casitas Recreation Area and along Gaviota Creek. Observed numerous adult red-legged frogs during the day and night surveys at Gaviota Creek (2003 and 2004). Individually performed protocol surveys along the Ventura River near Foster Park, Tecolotito Creek, and Salinas River (2004 and 2005). Conducted habitat assessment for CRLF at Winchester Canyon Creek and egg mass surveys at Guadalupe Dunes (2006).
- Performed bird surveys including riparian, waterfowl, raptor, and
  passerines. Survey sites in Santa Barbara and Ventura counties
  include Lake Cachuma, Lake Casitas, Santa Barbara Airport, Firestone
  Drainage, Las Vegas Creek, and UCSB vernal pool sites.
- Assisted in Southwestern willow flycatcher and Least Bell's vireo surveys at Gaviota Creek, Ventura River, Arroyo Simi River, and Lake Perris SRA.

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- Conducted point count bird surveys during the breeding season and assisted in the Audubon Christmas bird count for Lake Perns SRA.
- Conducted an inventory of Arroyo chub in Aliso creek at Chino Hills State Park with seine nets.
- Performed Burrowing owls surveys at Lake Perris SRA and San Jacinto Wildlife Refuge, and developed a GIS map of all occupied burrows.
- Assisted in surveys to monitor the populations of Stephen's kangaroo rat at Lake Perris SRA.
- Biological monitor for the southwestern pond turtle for two small bridge crossing projects at Chino Hills State Park and Laguna Channel Maintenance Project.
- Conducted Western Snowy Plover surveys at McGrath State Beach during the wintering and breeding seasons.
- Volunteer for the White-tailed Kite Monitoring and Tree Swallow Nesting Frogram, Santa Barbara Audubon Society (Fall 2004 to present).

#### Wetland Delineations and Functional Assessments

- Performed wetland delineations for the Gaviota Bridge Project and Goleta Old Town Improvement Project
- Assisted in a wetland functional assessment for Newhall Ranch.

#### Construction Compliance and Monitoring

- Environmental monitor during entire construction of two bridge creek crossings at Chino Hills State Park and Pueblo Bridge repair project in Santa Barbara.
- Oversight of fire crews making fire breaks and covering fire breaks with vegetation for restoration at Chino Hills State Park.
- Periodic sight inspections to minimize and assess biological impacts during construction for the Meiners Oaks Trunk Sewer Relocation Project.

#### Other Relevant Experience

 Environmental Services Technician, California State Parks. Managed the District Volunteer Stream Monitoring Program for Gaviota, El Capitan, Refugio, and Carpinteria Creeks, which included recruiting, coordinating, training, and supervising student interns and volunteers. Performed biological field surveys including macroinvertebrate rapid bioassessment, habitat assessment, and water quality sampling. Also,

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performed data entry and data analysis. Other duties included preparing environmental permit and grant applications.

#### **Specialized Training**

- OSHA 40-Hour HAZWOPER February 2006
- Loss Prevention System March 2006
- CNPS Vegetation Mapping and Classification Workshop August 2005
- Basic Wetland Delineation Training Summer 2004
- CEQA/NEPA Workshop April 2001
- American Red Cross First Aide & CPR (May 3, 2005)

#### **Contact Information**

URS Corporation 130 Robin Hill Road, Suite 100 Santa Barbara, CA 93117 Tel: 805.964.6010 Ext. 333 Cell: 805.895.9178 Fax: 805.964.0259

johanna\_laclaire@urscorp.com

TECHNICAL AREA: BIOLOGICAL RESOURCES

Data Request 5 Rev: Provide a discussion of potential impacts from the use and

discharge of water during construction and operation.

#### Response:

Potential impacts to biological resources related to use and discharge of water during construction is negligible. Applicant and the City of Fresno are currently in discussions regarding the nitrate remediation plan and possible water recharge options associated with the operations of the BEC. Although we anticipate that any such arrangements will have little or no impacts on biological resources, applicant will evaluate any potential impacts within 30 days after arrangements with the City are finalized.

TECHNICAL AREA: BIOLOGICAL RESOURCES

Data Request 6 Rev: Provide a discussion of whether or not any native fish and

wildlife species with commercial or recreational value exist in the

project region and whether they will be affected.

#### Response:

Native fish and wildlife species with commercial or recreational value that occur in the project region are located along the San Joaquin River. These species would not be impacted by construction of the BEC. The nearest wildlife refuge or reservoir where hunting or fishing occurs is about 2.5 miles from the BEC site. Applicant and the City of Fresno are currently in discussions regarding the nitrate remediation plan and possible water recharge options associated with operations of the BEC. Although we anticipate that any such arrangements will have little or no impacts on native fish and wildlife species, applicant will evaluate any potential impacts within 30 days after arrangements with the City are finalized.

#### TECHNICAL AREA: BIOLOGICAL RESOURCES

Data Request 7 Rev: Consultations with the California Department of Fish and Game,

U.S. Fish and Wildlife Service, and U.S. Army Corps of Engineers may be needed regarding potential effects of the proposed project on state and federally protected species and wetlands. Include information on who was contacted at each

agency and their contact information.

#### Response:

California Department of Fish and Game Kevin O'Connor 243-4005 x121 and Julie Lance, Habitat Conservation Division 559-243-4014 x222 (Received guidance on avoidance and minimization measures for San Joaquin kit fox foraging habitat for similar project Panoche AFC)

U.S. Fish and Wildlife Service San Joaquin Valley Division 916-414-6630 Left message on 12-19-06 at 2:41pm

U. S. Army Corps of Engineers, Sacramento District Colonel Ronald N. Light, District Engineer 1325 J Street Sacramento, CA 95814 Contact: Ramon (916) 557-6865 Left message on 12-20-06 at 9:49am

TECHNICAL AREA: LAND USE

Data Request 8 Rev: The project site is zoned M-1, is currently in industrial use, and

therefore is not used for farming. Section 5.4.1.2 in the AFC states that several areas along which off-site pipelines would be constructed are within or in proximity to Farmlands of Statewide Importance or farmlands that would be considered Prime if irrigated. Please describe crop types, irrigation systems, and any special cultivation practices on agricultural lands adjacent to

areas of pipeline construction.

#### Response:

**Golden State Blvd**: there is no active agricultural production along this street. There is a single row of mature Olive trees along the easterly side planted in what is likely the railroad right of way. These trees are not irrigated or cultivated.

Bullard Ave., Garfield to Hwy 99: there is no commercial agriculture production on either side of the street

Garfield Ave., Shaw Ave. to River Road:

East side of road: There is no commercial agricultural production

**West side of road**: There is one commercial agricultural operation consisting of approximately 40 acres of young (2-3 years old) almonds located north of Tenaya Ave. The orchard floor is planted to a cover crop which is mowed but not cultivated. Irrigation is by micro sprinklers. The orchard is bordered by a gravel service road approximately 15 feet wide with the first row of trees being approximately 40 feet from the Garfield Ave. pavement.

There is one 2+/- acre 2-3 year old Pomegranate "hobby farm" at the southwest corner of Bullard and Garfield Avenues. Irrigation system observed was on ground drip. No special cultivation was observed. Overall plant condition is poor with widely disparate plant size and condition indicating the endeavor may be abandoned with cultivation only for weed control.

There is a 5+/- acre block of very old Calimyrna fig trees roughly mid way between Barstow and Bullard avenues. There were no signs of the trees being irrigated or otherwise commercially tended to though there were signs that some figs may have been harvested. At the time of observation the orchard was being used by three off road vehicles (quad runners).

**Conclusions:** Commercial agricultural operations north of Shaw Avenues will not be impacted by pipeline construction along any of the linear alignments. The one commercial scale Almond orchard noted will not be impacted as the trees are set back far enough from the right-of-way as to allow ample room for laying pipe without affecting agricultural production.

This survey was conducted on 12/6/06 by Lance Johnson, a licensed Agricultural Engineer in the State of California, registration number AE000458.

TECHNICAL AREA: LAND USE

Data Request 9 Rev: The project site is zoned M-1, is currently in industrial use, and

therefore is not used for farming. Section 5.4.1.2 in the AFC states that several areas along which off-site pipelines would be constructed are within or in proximity to Farmlands of Statewide Importance or farmlands that would be considered Prime if irrigated. Please describe Crop types, irrigation systems, and any special cultivation practices on agricultural lands adjacent to

areas of pipeline construction.

#### Response:

Note: This data request is identical to Land Use #8. The information presented in the response to Land Use #8 is duplicated below.

**Golden State Blvd**: there is no active agricultural production along this street. There is a single row of mature Olive trees along the easterly side planted in what is likely the railroad right of way. These trees are not irrigated or cultivated.

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East side of road: There is no commercial agricultural production

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**Conclusions:** Commercial agricultural operations north of Shaw Avenues will not be impacted by pipeline construction along any of the linear alignments. The one commercial scale Almond orchard noted will not be impacted as the trees are set back far enough from the right-of-way as to allow ample room for laying pipe without affecting agricultural production.

This survey was conducted on 12/6/06 by Lance Johnson, a licensed Agricultural Engineer in the State of California, registration number AE000458.

TECHNICAL AREA: PROJECT OVERVIEW

Data Request 10 Rev: Please provide the Transmission System Impact Study and

Facility Study and the name of the preparer of Transmission

System Engineering information in the application.

#### Response:

A copy of the May 17, 2005 Transmission System Impact Study and June 28, 2002 Facility Study were previously provided to CEC staff. Copies of these studies will be included in the final Data Adequacy Response submittal. The preparer of the application is:

Michael King, Bullard Energy Center, LLC 6229 White Alder Court Avon, IN 46123

#### TECHNICAL AREA: PROJECT OVERVIEW

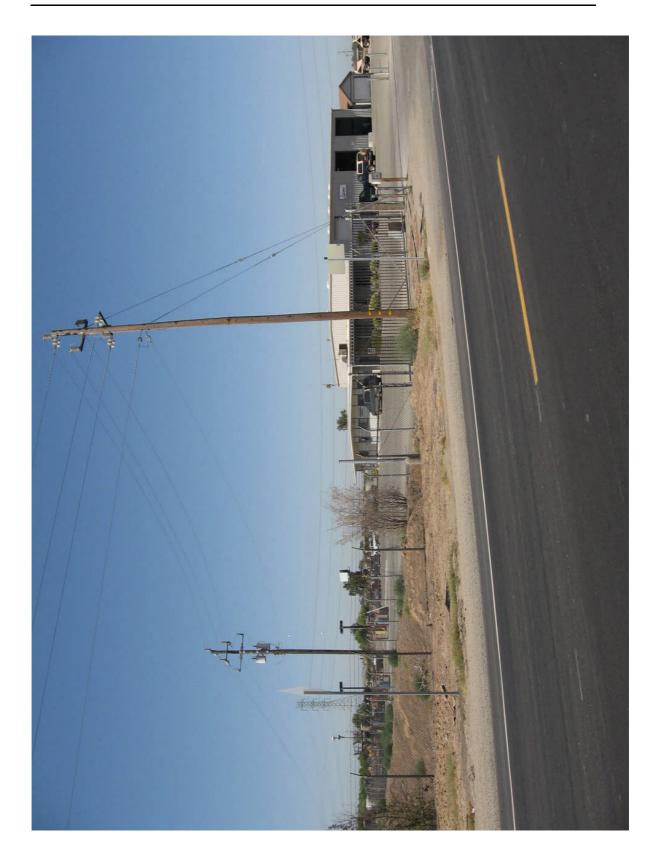
Data Request 11 Rev: Please provide a full-page color photographic reproduction

depicting the visual appearance of the site prior to construction.

#### Response:

Two full-page color photographic reproductions depicting the visual appearance of the site prior to construction are provided on the following two pages.





TECHNICAL AREA: PROJECT OVERVIEW

Data Request 12 Rev: List provided has no names or parcel numbers. Please provide

a list with parcel numbers, names and addresses.

#### Response:

The County of Fresno has provided the following list of names, addresses, and parcel numbers for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1,000 feet of the proposed power plant and related facilities.

APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP
50802004S	VIE-DEL COMPANY		5778	W	BARSTOW	AVE	FRESNO	93722
50504070	JFJ FARMS INC		7336	W	BARSTOW	AVE	FRESNO	93723
50504066	PAOLERCIO ALAN D & CINDY M		7496	W	BARSTOW		FRESNO	93723
50504006S	FRESNO PARK COMMUNITIES II LLC		5860	N	BONTA	AVE	FRESNO	93723
50504007S	FRESNO PARK COMMUNITIES II LLC		5865	N	BONTA	AVE	FRESNO	93723
50504006S	FRESNO PARK COMMUNITIES II LLC		5884	N	BONTA	AVE	FRESNO	93723
50504007S	FRESNO PARK COMMUNITIES II LLC		5887	N	BONTA	AVE	FRESNO	93723
50504006S	FRESNO PARK COMMUNITIES II LLC		5908	N	BONTA	AVE	FRESNO	93723
50504007S	FRESNO PARK COMMUNITIES II LLC		5909	N	BONTA	AVE	FRESNO	93723
50504007S	FRESNO PARK COMMUNITIES II LLC		5931	N	BONTA	AVE	FRESNO	93723
50504006S	FRESNO PARK COMMUNITIES II LLC		5932	N	BONTA	AVE	FRESNO	93723
50504007S	FRESNO PARK COMMUNITIES II LLC		5953	N	BONTA	AVE	FRESNO	93723
50504006S	FRESNO PARK COMMUNITIES II LLC		5956	N	BONTA	AVE	FRESNO	93723
50504007S	FRESNO PARK COMMUNITIES II LLC		5975	N	BONTA	AVE	FRESNO	93723
50504006S	FRESNO PARK COMMUNITIES II LLC		5980	N	BONTA	AVE	FRESNO	93723
50504007S	FRESNO PARK COMMUNITIES II LLC		5997	N	BONTA	AVE	FRESNO	93723
50504006S	FRESNO PARK COMMUNITIES II LLC		5998	N	BONTA	AVE	FRESNO	93723
50521211	DE YOUNG PROPERTIES 5224 L P		5719	N	BRENT	AVE	FRESNO	93723
50521305	VALVERDE THEODORE & RUBY		6281	W	BROWNING	AVE	FRESNO	93723
50521304	DE YOUNG PROPERTIES 5224 L P		6289	W	BROWNING	AVE	FRESNO	93723
50521303	DE YOUNG PROPERTIES 5224 L P		6297	W	BROWNING	AVE	FRESNO	93723
50521302	DE YOUNG PROPERTIES 5224 L P		6305	W	BROWNING	AVE	FRESNO	93723
50521301	DE YOUNG PROPERTIES 5224 L P		6313	W	BROWNING	AVE	FRESNO	93723
50508028ST	FRESNO CITY OF		5434	N	BRYAN	AVE	FRESNO	93723
50408073S	RANCHO RIVINGTON		6255	N	BRYAN	AVE	FRESNO	93722
50613029S	HOBACK LLC		5695	W	BULLARD	AVE	FRESNO	93722
50613029S	HOBACK LLC		5711	W	BULLARD	AVE	FRESNO	93722
50634103S	SANCHEZ ADOLPH & REGINA		5750	W	BULLARD	AVE	FRESNO	93722
50613029S	HOBACK LLC		5757	W	BULLARD	AVE	FRESNO	93722
50508025S	DAKOVICH GEORGE & SON INC		6255	W	BULLARD	AVE	FRESNO	93722
50508017S	AVILA JOHN G & MICHELLE A TRUSTEES		6271	W	BULLARD	AVE	FRESNO	93722
50508017S	AVILA JOHN G & MICHELLE A TRUSTEES		6275	W	BULLARD	AVE	FRESNO	93722
50518301	SCHMITT KRISTEN		6591	W	BULLARD	AVE	FRESNO	93723
50515038	VANG CHRISTOPHER T & KELLY XIONG		6845	W	BULLARD	AVE	FRESNO	93723

APN	NAME1	NAME2	Address #		Street	Street Type	CITY	ZIP
				W	BULLARD	AVE	FRESNO	93723
50515029	GALVEZ MARLENE	NAL HANDVALIE ETAL		W	BULLARD	AVE	FRESNO	93723
50403018	YADALIAN AGHAVNI G	NALJIAN VAHE ETAL		W	BULLARD	AVE	FRESNO	93723
50504005S	SMITH CLAYTON D & KATHERINE T			W	BULLARD	AVE	FRESNO	93723
50504006S	FRESNO PARK COMMUNITIES II LLC			W	BULLARD	AVE	FRESNO	93723
50403017	EVANS GARY G TRUSTEE			W	BULLARD	AVE	FRESNO	93723
50504007S	FRESNO PARK COMMUNITIES II LLC			W	BULLARD	AVE	FRESNO	93723
50504007S	FRESNO PARK COMMUNITIES II LLC			W	BULLARD	AVE	FRESNO	93723
50403016	ECHEVERRIA FRANK JOHN			W	BULLARD	AVE	FRESNO	93723
				W	BULLARD	AVE	FRESNO	93723
50403038S	THOMASSIAN VAHAN & KNARIG			W	BULLARD	AVE	FRESNO	93723
				W	BULLARD	AVE	FRESNO	93723
50403048S	YARBROUGH THOMAS W & MARY L		7252	W	BULLARD	AVE	FRESNO	93723
50504046	JOHNSON LINDA HIER		7257	W	BULLARD	AVE	FRESNO	93723
50403066S	POLLOS CHRIS & SAZAT REV LIV TRUST TR		7290	W	BULLARD	AVE	FRESNO	93723
50504049	MUNSON RONNIE L & DIANA L		7291	W	BULLARD	AVE	FRESNO	93723
50504048	MARCHINI DANIEL D & MARIE A		7311	W	BULLARD	AVE	FRESNO	93723
50403005	HUDSON ROBERT W & MARY A		7318	W	BULLARD	AVE	FRESNO	93723
50403004	CAMPOS MICHAEL & ROXANNE		7354	W	BULLARD	AVE	FRESNO	93723
50504038	CASILLAS ERLINDA		7381	W	BULLARD	AVE	FRESNO	93723
50504042	FANUCCHI ATTILIO JR & MARY L		7415	W	BULLARD	AVE	FRESNO	93723
50403006	BURNETT LEROY P		7440	W	BULLARD	AVE	FRESNO	93723
			6715	W	CALIMYRNA	AVE	FRESNO	93723
			6716	W	CALIMYRNA	AVE	FRESNO	93723
			6727	W	CALIMYRNA	AVE	FRESNO	93723
			6728	W	CALIMYRNA	AVE	FRESNO	93723
			6739	W	CALIMYRNA	AVE	FRESNO	93723
			6740	W	CALIMYRNA	AVE	FRESNO	93723
			6751	W	CALIMYRNA	AVE	FRESNO	93723
			6752	W	CALIMYRNA	AVE	FRESNO	93723
			6763	W	CALIMYRNA	AVE	FRESNO	93723
			6764	W	CALIMYRNA	AVE	FRESNO	93723
			6775	W	CALIMYRNA	AVE	FRESNO	93723

APN	NAME1	NAME2		Direction	Street	Street Type	CITY	ZIP
			6787	W	CALIMYRNA	AVE	FRESNO	93723
				W	CALIMYRNA	AVE	FRESNO	93723
			6799	W	CALIMYRNA	AVE	FRESNO	93723
			6811	W	CALIMYRNA	AVE	FRESNO	93723
			6812	W	CALIMYRNA	AVE	FRESNO	93723
			6823	W	CALIMYRNA	AVE	FRESNO	93723
			6824	W	CALIMYRNA	AVE	FRESNO	93723
			6835	W	CALIMYRNA	AVE	FRESNO	93723
			6859	W	CALIMYRNA	AVE	FRESNO	93723
			6860	W	CALIMYRNA	AVE	FRESNO	93723
			6871	W	CALIMYRNA	AVE	FRESNO	93723
			6872	W	CALIMYRNA	AVE	FRESNO	93723
			6883	W	CALIMYRNA	AVE	FRESNO	93723
			6884	W	CALIMYRNA	AVE	FRESNO	93723
			6895	W	CALIMYRNA	AVE	FRESNO	93723
			6896	W	CALIMYRNA	AVE	FRESNO	93723
			6907	W	CALIMYRNA	AVE	FRESNO	93723
			6908	W	CALIMYRNA	AVE	FRESNO	93723
			6919	W	CALIMYRNA	AVE	FRESNO	93723
			6920	W	CALIMYRNA	AVE	FRESNO	93723
			6931	W	CALIMYRNA	AVE	FRESNO	93723
50613029S	HOBACK LLC		5727	N	CARNEGIE	AVE	FRESNO	93722
50926015S	BRAR IQBAL S & SONINDER GILL	SINGH JOGINDER	5768	N	CARNEGIE	AVE	FRESNO	93722
50515044	GUILLEN LUIS		5870	N	CASPIAN	AVE	FRESNO	93723
50515043	MARON YOLANDA S & BOBBY S		5886	N	CASPIAN	AVE	FRESNO	93723
50515042	CORIA FABIAN I		5902	N	CASPIAN	AVE	FRESNO	93723
50515041	UPPAL AMRIK S & JASWINDER K		5918	N	CASPIAN	AVE	FRESNO	93723
50515035	AMARO STEVE M		5923	N	CASPIAN	AVE	FRESNO	93723
50515040	TOUMA DAVID J & SHERVIN		5934	N	CASPIAN	AVE	FRESNO	93723
50515039	REYES VIRGILIO A & DULCE S		5950	N	CASPIAN	AVE	FRESNO	93723
50515038	VANG CHRISTOPHER T & KELLY XIONG		5966	N	CASPIAN	AVE	FRESNO	93723
			6093	N	CASPIAN	AVE	FRESNO	93723
			6101	N	CASPIAN	AVE	FRESNO	93723
			6102	N	CASPIAN	AVE	FRESNO	93723

APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP
			6108	N	CASPIAN	AVE	FRESNO	93723
			6109	N	CASPIAN	AVE	FRESNO	93723
			6116	N	CASPIAN	AVE	FRESNO	93723
			6117	N	CASPIAN	AVE	FRESNO	93723
			6124	N	CASPIAN	AVE	FRESNO	93723
			6125	N	CASPIAN	AVE	FRESNO	93723
			6133	N	CASPIAN	AVE	FRESNO	93723
50411409	PRICE MARK A JR		7051	W	CATTERN	AVE	FRESNO	93722
			7117	W	CATTERN	AVE	FRESNO	93722
50518324S	NGUYEN KERINCE H		6528	W	CELESTE	AVE	FRESNO	93723
50518608S	GILL KULDIP S & JARNAIL K		6545	W	CELESTE	AVE	FRESNO	93723
50518608S	GILL KULDIP S & JARNAIL K		6561	W	CELESTE	AVE	FRESNO	93723
50518607S	KITCH VASSILI M & NATALIA Y TRUSTEES -		6577	W	CELESTE	AVE	FRESNO	93723
50518606S	GRANTLAND AVENUE LLC		6593	W	CELESTE	AVE	FRESNO	93723
50518410S	GUTIERREZ ROBERT GUZMAN JR & DENISE M		6608	W	CELESTE	AVE	FRESNO	93723
50518605S	NOLTE NATALIE		6609	W	CELESTE	AVE	FRESNO	93723
50518411	GRANTLAND AVENUE LLC		6624	W	CELESTE	AVE	FRESNO	93723
50518604	DEOL SARBJIT S & SURINDERPAL K		6625	W	CELESTE	AVE	FRESNO	93723
50518603	MADRIGAL ALEJANDRO CERVANTES		6641	W	CELESTE	AVE	FRESNO	93723
50518413	ASSEMI NADER		6656	W	CELESTE	AVE	FRESNO	93723
50518602	VAN BUI LOA		6657	W	CELESTE	AVE	FRESNO	93723
50518414	GILL AVTAR SINGH & NAVNEET KAUR		6672	W	CELESTE	AVE	FRESNO	93723
50518415	SINGH KARAMPAL & AVTAR KAUR		6688	W	CELESTE	AVE	FRESNO	93723
50518416	NG DANIEL J & CHARLENE NG		6704	W	CELESTE	AVE	FRESNO	93723
50515008	MOUA TOM SAILUE & CHA THAO		6859	W	CELESTE	AVE	FRESNO	93723
50515007	FIGUEROA HONORATO T JR & EDITHA L		6875	W	CELESTE	AVE	FRESNO	93723
50515006	LOVELACE JAMES G JR		6891	W	CELESTE	AVE	FRESNO	93723
50515005	LOR PETER & MAYYIA		6907	W	CELESTE	AVE	FRESNO	93723
50515004	GILL PRITAM SINGH		6923	W	CELESTE	AVE	FRESNO	93723
50515003	SEKENSKE BRIAN EDWARD & NICOLE		6939	W	CELESTE	AVE	FRESNO	93723
50515002	KHAN TARIQ M		6955	W	CELESTE	AVE	FRESNO	93723
50515001	YU MARIA ELIZABETH J & BONITO CHUA		6971	W	CELESTE	AVE	FRESNO	93723
			7185	W	CELESTE	AVE	FRESNO	93723

APN	NAME1	NAME2		Direction	Street	Street Type	CITY	ZIP
			7188	W	CELESTE	AVE	FRESNO	93723
			7197	W	CELESTE	AVE	FRESNO	93723
			7202	W	CELESTE	AVE	FRESNO	93723
			7209	W	CELESTE	AVE	FRESNO	93723
			7216	W	CELESTE	AVE	FRESNO	93723
			7223	W	CELESTE	AVE	FRESNO	93723
			7230	W	CELESTE	AVE	FRESNO	93723
			7237	W	CELESTE	AVE	FRESNO	93723
			7244	W	CELESTE	AVE	FRESNO	93723
			7251	W	CELESTE	AVE	FRESNO	93723
			7256	W	CELESTE	AVE	FRESNO	93723
			7265	W	CELESTE	AVE	FRESNO	93723
50402060	TRI-IEST DAIRY		6830	N	CHATEAU FRESNO		FRESNO	93723
50402060	TRI-IEST DAIRY		6888	N	CHATEAU FRESNO		FRESNO	93723
50927002	LEBLANC MONTE A & HWANG CHA		5683	N	CONNIE	AVE	FRESNO	93722
50524208	GARCIA GUSTAVO & ELIZABETH		5543	N	CONTESSA	AVE	FRESNO	93723
50524209	HARRIS GARRY A		5555	N	CONTESSA	AVE	FRESNO	93723
50524210	KEOTA PHOUTHASAK		5567	N	CONTESSA	AVE	FRESNO	93723
50524211	DE YOUNG PROPERTIES 5224 L P		5579	N	CONTESSA	AVE	FRESNO	93723
50523203	VALENZUELA JOE		5591	N	CONTESSA	AVE	FRESNO	93723
50523102	CALMA ROGER & ARACELI		6241	W	DOVEWOOD	LN	FRESNO	93723
50523101	TUCKER EUGENE		6249	W	DOVEWOOD	LN	FRESNO	93723
50521410	DE YOUNG PROPERTIES 5224 L P		6257	W	DOVEWOOD	LN	FRESNO	93723
50521409	DE YOUNG PROPERTIES 5224 L P		6265	W	DOVEWOOD	LN	FRESNO	93723
50521408	DE YOUNG PROPERTIES 5224 L P		6273	W	DOVEWOOD	LN	FRESNO	93723
50521407	DE YOUNG PROPERTIES 5224 L P		6281	W	DOVEWOOD	LN	FRESNO	93723
50521406	DE YOUNG PROPERTIES 5224 L P		6289	W	DOVEWOOD	LN	FRESNO	93723
50521307	XIONG PAUL		6290	W	DOVEWOOD	LN	FRESNO	93723
50521405	DE YOUNG PROPERTIES 5224 L P		6297	W	DOVEWOOD	LN	FRESNO	93723
50521308	SOLIMAN JOEL		6298	W	DOVEWOOD	LN	FRESNO	93723
50521404	SHAMBEREKYAN PERCH		6305	W	DOVEWOOD	LN	FRESNO	93723
50521309	VOLKOV PETER A		6306	W	DOVEWOOD	LN	FRESNO	93723
50521403	DE YOUNG PROPERTIES 5224 L P		6313	W	DOVEWOOD	LN	FRESNO	93723

APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP
50521310	SCHEXNAYDER AMBER		6314	W	DOVEWOOD	LN	FRESNO	93723
50521311	YANOVICH NELIYA		6322	W	DOVEWOOD	LN	FRESNO	93723
50410109	BLAKE MARY JANE		7007	W	ELGIN	AVE	FRESNO	93722
50410216	PREHEIM MADELINE		7018	W	ELGIN	AVE	FRESNO	93722
50410108	SHIFLETT BOBBY J		7019	W	ELGIN	AVE	FRESNO	93722
50410107	SHIFLETT BOBBY J		7035	W	ELGIN	AVE	FRESNO	93722
50524103	SLY SCOTT & STEPHANIE		5574	N	ENSANADA	AVE	FRESNO	93723
50524102	SINGH GURDEV		5586	N	ENSANADA	AVE	FRESNO	93723
50524101	RAGSDALE RODNEY J & CYNDI		5598	N	ENSANADA	AVE	FRESNO	93723
50522057	DUNNINGTON MICHAEL & RETTA		5599	N	ENSANADA	AVE	FRESNO	93723
50521602	RUVALCABA MARIO		5609	N	ENSANADA	AVE	FRESNO	93723
50523107	VIDAL RIGO		5610	N	ENSANADA	AVE	FRESNO	93723
50523108	BROOKE STEVEN & SANDRA		5622	N	ENSANADA	AVE	FRESNO	93723
			6132	N	FAIR	AVE	FRESNO	93723
			6140	N	FAIR	AVE	FRESNO	93723
			6148	N	FAIR	AVE	FRESNO	93723
50504065	BLACKHART MARY TRUSTEE		5627	N	GARFIELD		FRESNO	93723
50504060	DIREDO JOHN J		5665	N	GARFIELD		FRESNO	93723
50504062	RAMIREZ ROBERT T & GLORIA G		5755	N	GARFIELD		FRESNO	93723
50504064	RAMIREZ RAMON G & CONCEPCION T TRS		5777	N	GARFIELD		FRESNO	93723
50504030	MEDINA JUAN & JOSEPHINE		5807	N	GARFIELD		FRESNO	93723
50504075	AULAKH JAIPAL S & JASPAL K		5810	N	GARFIELD	AVE	FRESNO	93723
50504045	PEREZ HENRY S & SANDRA M		5818	N	GARFIELD	AVE	FRESNO	93723
50504035	TESSADA RONALD F & SUSAN L		5845	N	GARFIELD		FRESNO	93723
50504044	OHANIS ARSHAM & ANGELA		5854	N	GARFIELD	AVE	FRESNO	93723
50403009	PADILLA DAVID J & M GUADALUPE		6072	N	GARFIELD	AVE	FRESNO	93723
50403008	JONES RODNEY		6108	N	GARFIELD	AVE	FRESNO	93723
50403063	PACHCHIGAR BHAVNABEN V	VALA DIGVIJAY J	6128	N	GARFIELD	AVE	FRESNO	93723
50403062	GOSS JOHN & CAROLYN TRUSTEES		6150	N	GARFIELD	AVE	FRESNO	93723
50402058	GREEN LE ROY EDWARD & KRISTIE ANN TRS -		6181	N	GARFIELD		FRESNO	93723
50403030	ISHEIM LARRY & PHYLLIS		6192	N	GARFIELD	AVE	FRESNO	93723
50403029	CARPENTER JEFFREY W & PAMELA C		6226	N	GARFIELD	AVE	FRESNO	93723
50403010	PONTE CAROLINE S		6270	N	GARFIELD	AVE	FRESNO	93723

APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP
50404042S	RIVAS ALEJANDRO		6422	N	GARFIELD	AVE	FRESNO	93723
50402059	PAOLERCIO ALAN DALE & CYNTHIA MARIE		6441	N	GARFIELD		FRESNO	93723
50404043S	SHIRALIAN SHAWN B & JULIE L		6470	N	GARFIELD	AVE	FRESNO	93723
50404004S	TRI IEST DAIRY		6895	N	GARFIELD		FRESNO	93723
			6717	W	GIBSON	AVE	FRESNO	93723
			6718	W	GIBSON	AVE	FRESNO	93723
			6729	W	GIBSON	AVE	FRESNO	93723
			6730	W	GIBSON	AVE	FRESNO	93723
			6741	W	GIBSON	AVE	FRESNO	93723
			6742	W	GIBSON	AVE	FRESNO	93723
		6753	W	GIBSON	AVE	FRESNO	93723	
			6754	W	GIBSON	AVE	FRESNO	93723
			6765	W	GIBSON	AVE	FRESNO	93723
			6766	W	GIBSON	AVE	FRESNO	93723
			6777	W	GIBSON	AVE	FRESNO	93723
			6778	W	GIBSON	AVE	FRESNO	93723
			6789	W	GIBSON	AVE	FRESNO	93723
			6790	W	GIBSON	AVE	FRESNO	93723
			6802	W	GIBSON	AVE	FRESNO	93723
			6813	W	GIBSON	AVE	FRESNO	93723
			6814	W	GIBSON	AVE	FRESNO	93723
			6825	W	GIBSON	AVE	FRESNO	93723
			6826	W	GIBSON	AVE	FRESNO	93723
			6861	W	GIBSON	AVE	FRESNO	93723
			6862	W	GIBSON	AVE	FRESNO	93723
			6873	W	GIBSON	AVE	FRESNO	93723
			6874	W	GIBSON	AVE	FRESNO	93723
			6885	W	GIBSON	AVE	FRESNO	93723
			6886	W	GIBSON	AVE	FRESNO	93723
			6897	W	GIBSON	AVE	FRESNO	93723
			6898	W	GIBSON	AVE	FRESNO	93723
			6909	W	GIBSON	AVE	FRESNO	93723
			6910	W	GIBSON	AVE	FRESNO	93723
			6921	W	GIBSON	AVE	FRESNO	93723

APN	NAME1	NAME2		Direction	Street	Street Type	CITY	ZIP
				W	GIBSON	AVE	FRESNO	93723
			6934	W	GIBSON	AVE	FRESNO	93723
			6946	W	GIBSON	AVE	FRESNO	93723
			6958	W	GIBSON	AVE	FRESNO	93723
			6970	W	GIBSON	AVE	FRESNO	93723
			6982	W	GIBSON	AVE	FRESNO	93723
50802012S	LAWSON JOHN R		5753	N	GOLDEN STATE	BLVD	FRESNO	93722
50802011S	LAWSON JOHN R		5783	N	GOLDEN STATE	BLVD	FRESNO	93722
50802010S	LAWSON JOHN R		5807	N	GOLDEN STATE	BLVD	FRESNO	93722
50508022S	LAWSON JOHN ROBERT	LAWSON JOHN ROBERT TRUSTEE	5829	N	GOLDEN STATE	BLVD	FRESNO	93722
50508021S	ABBEY TRANSPORTATION SYSTEM		5965	N	GOLDEN STATE	BLVD	FRESNO	93722
50508016	K & H BROS INC		6101	N	GOLDEN STATE	BLVD	FRESNO	93722
50508025S	DAKOVICH GEORGE & SON INC		6135	N	GOLDEN STATE	BLVD	FRESNO	93722
50408033S	RANCHO RIVINGTON		6185	N	GOLDEN STATE	BLVD	FRESNO	93722
50408047T	FRESNO MET FLD CONT DIST		6455	N	GOLDEN STATE	BLVD	FRESNO	93722
50409103S	MILLENNIUM ACQUISITIONS LLC		6715	N	GOLDEN STATE	BLVD	FRESNO	93722
50409102S	MILLENNIUM ACQUISITIONS LLC		6721	N	GOLDEN STATE	BLVD	FRESNO	93722
50409102S	MILLENNIUM ACQUISITIONS LLC		6725	N	GOLDEN STATE	BLVD	FRESNO	93722
50409101S	MILLENNIUM ACQUISITIONS LLC		6729	N	GOLDEN STATE	BLVD	FRESNO	93722
50414011	DENICE BEN & ELEANOR TRUSTEES		6735	N	GOLDEN STATE	BLVD	FRESNO	93722
50414012	CALA JOSEPH F & HELEN J TRUSTEES		6745	N	GOLDEN STATE	BLVD	FRESNO	93722
50406019T	FRESNO CITY OF		6805	N	GOLDEN STATE	BLVD	FRESNO	93722
			6809	N	GOLDEN STATE	BLVD	FRESNO	93722
			6813	N	GOLDEN STATE	BLVD	FRESNO	93722
50406058	MONACO SAMUEL VINCENT & LISA O TRS		6833	N	GOLDEN STATE	BLVD	FRESNO	93722
50406053	MONACO SAMUEL VINCENT & LISA O TRS		6833	N	GOLDEN STATE	BLVD	FRESNO	93722
50406054	MONACO SAMUEL VINCENT & LISA O TRS		6833	N	GOLDEN STATE	BLVD	FRESNO	93722
50406054	MONACO SAMUEL VINCENT & LISA O TRS		6833	N	GOLDEN STATE	BLVD	FRESNO	93722
50406054	MONACO SAMUEL VINCENT & LISA O TRS		6833	N	GOLDEN STATE	BLVD	FRESNO	93722
50410605	MANN BROTHERS FUEL INC		6840	N	GOLDEN STATE	BLVD	FRESNO	93722
50410604	MANN BROTHERS FUEL INC		6850	N	GOLDEN STATE	BLVD	FRESNO	93722
50410604	MANN BROTHERS FUEL INC		6852	N	GOLDEN STATE	BLVD	FRESNO	93722
50406056	THANDI ENTERPRISES LLC		6893	N	GOLDEN STATE	BLVD	FRESNO	93722

APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP
50410602	AGRAPIDIS NICK P TRUSTEE		6900	N	GOLDEN STATE	BLVD	FRESNO	93722
50407039	KASSABIAN VAROUJAN Z & SATENIG M TRS		6915	N	GOLDEN STATE	BLVD	FRESNO	93722
50407052	FORREST WILLIAM C & HILDAGARD F		6916	N	GOLDEN STATE	BLVD	FRESNO	93722
50407039	KASSABIAN VAROUJAN Z & SATENIG M TRS		6935	N	GOLDEN STATE	BLVD	FRESNO	93722
50407041	MONACO SAMMY V & LISA O TRUSTEES		6943	N	GOLDEN STATE	BLVD	FRESNO	93722
50407052	FORREST WILLIAM C & HILDAGARD F		6950	N	GOLDEN STATE	BLVD	FRESNO	93722
50407052	FORREST WILLIAM C & HILDAGARD F		6974	N	GOLDEN STATE	BLVD	FRESNO	93722
50407051	HARDIN GARY E & FAYE K		6996	N	GOLDEN STATE	BLVD	FRESNO	93722
50405034	GREWAL PRITHVI PAUL S TRUSTEE SIN	GH KERNAIL	7010	N	GOLDEN STATE	BLVD	FRESNO	93722
50405034	GREWAL PRITHVI PAUL S TRUSTEE SIN	GH KERNAIL	7090	N	GOLDEN STATE	BLVD	FRESNO	93722
50504002S	VALVERDE JOHN D & LYDIA		5909	N	GRANTLAND	AVE	FRESNO	93723
50515019	OLDS SANDRA OLD	OS SANDRA	5910	N	GRANTLAND	AVE	FRESNO	93723
50504003S	PIZANA MANUEL P & SUSAN		5913	N	GRANTLAND	AVE	FRESNO	93723
50504004S	OLIVER MILES D & HELEN Y TRUSTEES		5915	N	GRANTLAND	AVE	FRESNO	93723
50403019	NOLI ROBERT P JR		6071	N	GRANTLAND	AVE	FRESNO	93723
50403057	DAWOOD MOHOMED ALI & ALMAS MOHOMED A		6123	N	GRANTLAND	AVE	FRESNO	93723
50403057	DAWOOD MOHOMED ALI & ALMAS MOHOMED A		6153	N	GRANTLAND	AVE	FRESNO	93723
50410506	HINOJOSA DAVID T & RITA F	OJOSA NICANOR FELIPE	6875	W	HERNDON	AVE	FRESNO	93722
50406028S	RANCHO AMBOY		7505	W	HERNDON	AVE	FRESNO	93723
50926023S	IBRAHIM SALWA O		5704	N	IVANHOE	AVE	FRESNO	93722
50926024S	AMBATI NARAYANA & RAMA TRUSTEES		5714	N	IVANHOE	AVE	FRESNO	93722
50926025S	RAMSAY JEFFREY P		5724	N	IVANHOE	AVE	FRESNO	93722
50926019S	MORALES MARY G		5725	N	IVANHOE	AVE	FRESNO	93722
50926018S	BAUTISTA SALVADOR & SANDY		5735	N	IVANHOE	AVE	FRESNO	93722
50926017S	KNIGHT AARON & BONNIE		5745	N	IVANHOE	AVE	FRESNO	93722
50926016S	BARRETT MARY CAROLYN		5755	N	IVANHOE	AVE	FRESNO	93722
50926015S	BRAR IQBAL S & SONINDER GILL SIN	GH JOGINDER	5765	N	IVANHOE	AVE	FRESNO	93722
			6760	W	KADOTA	AVE	FRESNO	93723
			6772	W	KADOTA	AVE	FRESNO	93723
			6773	W	KADOTA	AVE	FRESNO	93723
			6784	W	KADOTA	AVE	FRESNO	93723
			6785	W	KADOTA	AVE	FRESNO	93723
			6796	W	KADOTA	AVE	FRESNO	93723
							FRESNO	

APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP
				W	KADOTA	AVE	FRESNO	93723
			6809	W	KADOTA	AVE	FRESNO	93723
			6820	W	KADOTA	AVE	FRESNO	93723
			6821	W	KADOTA	AVE	FRESNO	93723
			6846	W	KADOTA	AVE	FRESNO	93723
			6858	W	KADOTA	AVE	FRESNO	93723
			6870	W	KADOTA	AVE	FRESNO	93723
			6882	W	KADOTA	AVE	FRESNO	93723
50403055	LOUIE KEVIN M & STEPHANIE V		7161	W	KADOTA	AVE	FRESNO	93723
50403054S	ECHEVERRIA FRANK J & FRAN S TRS		7203	W	KADOTA	AVE	FRESNO	93723
50406060	THANDI ENTERPRISES LLC		7191	W	KATHRYN	AVE	FRESNO	93722
			6096	N	LA PAZ	AVE	FRESNO	93723
			6104	N	LA PAZ	AVE	FRESNO	93723
			6112	N	LA PAZ	AVE	FRESNO	93723
			6120	N	LA PAZ	AVE	FRESNO	93723
50515033	RANDHAWA SURINDERPAL & SUKHMANDAR K		5906	N	LA VENTANA	AVE	FRESNO	93723
50515028	BROUS KEITH J & JANETTE D		5921	N	LA VENTANA	AVE	FRESNO	93723
50515032	AGUILA ADRIAN J & REBECCA		5922	N	LA VENTANA	AVE	FRESNO	93723
50515032	AGUILA ADRIAN J & REBECCA		5938	N	LA VENTANA	AVE	FRESNO	93723
50515031	GRANTLAND AVENUE LLC		5954	N	LA VENTANA	AVE	FRESNO	93723
			6023	N	LA VENTANA	AVE	FRESNO	93723
			6031	N	LA VENTANA	AVE	FRESNO	93723
			6039	N	LA VENTANA	AVE	FRESNO	93723
			6047	N	LA VENTANA	AVE	FRESNO	93723
			6094	N	LA VENTANA	AVE	FRESNO	93723
			6095	N	LA VENTANA	AVE	FRESNO	93723
			6102	N	LA VENTANA	AVE	FRESNO	93723
			6103	N	LA VENTANA	AVE	FRESNO	93723
			6110	N	LA VENTANA	AVE	FRESNO	93723
			6111	N	LA VENTANA	AVE	FRESNO	93723
			6118	N	LA VENTANA	AVE	FRESNO	93723
			6119	N	LA VENTANA	AVE	FRESNO	93723
			6126	N	LA VENTANA	AVE	FRESNO	93723
			6127	N	LA VENTANA	AVE	FRESNO	93723

APN	NAME1	NAME2	Address #		Street	Street Type	CITY	ZIP
			6134	N	LA VENTANA	AVE	FRESNO	93723
			6135	N	LA VENTANA	AVE	FRESNO	93723
			6142	N	LA VENTANA	AVE	FRESNO	93723
			6143	N	LA VENTANA	AVE	FRESNO	93723
50515052	ALEGA JOSEPH G		5898	N	LEAFWOOD	AVE	FRESNO	93723
50515048	LOPEZ DANIEL		5899	N	LEAFWOOD	AVE	FRESNO	93723
50515052	ALEGA JOSEPH G		5914	N	LEAFWOOD	AVE	FRESNO	93723
50515051	OROPEZA JOSE L & MARIA		5930	N	LEAFWOOD	AVE	FRESNO	93723
50404040S	RODRIGUEZ PAUL JR & ANNA		7364	W	MENLO	AVE	FRESNO	93723
50404083S	MATSUBARA GARY & PAULETTE K SUGAI		7403	W	MENLO	AVE	FRESNO	93723
50404039S	BOGDANOFF WILLIAM P & NORA M TRUSTEES -		7412	W	MENLO	AVE	FRESNO	93723
50404038S	GAVELLO WILLIAM F		7458	W	MENLO	AVE	FRESNO	93723
50634101S	PENDERGRASS COLLEEN		5735	W	MESA	AVE	FRESNO	93722
50634102S	LOPEZ FRANCISCO R		5743	W	MESA	AVE	FRESNO	93722
50634103S	SANCHEZ ADOLPH & REGINA		5755	W	MESA	AVE	FRESNO	93722
50634104S	NOBLE CHRISTINE W		5769	W	MESA	AVE	FRESNO	93722
50634105S	MARTINEZ CAROLINE V		5773	W	MESA	AVE	FRESNO	93722
50634106S	REYES MARIO F & MARY ELLEN		5779	W	MESA	AVE	FRESNO	93722
50634107S	MAC KECHNIE ROBERT A & KRISTI D		5787	W	MESA	AVE	FRESNO	93722
50634108S	HOLT ANTHONY J & MARY C		5793	W	MESA	AVE	FRESNO	93722
50634109S	MAGANA MANUEL G & FRANCISCA TRUSTEES		5801	W	MESA	AVE	FRESNO	93722
50634110S	RUSSELL MICHAEL & CAROL		5805	W	MESA	AVE	FRESNO	93722
50634111S	WINTER WALTER A & KIMBERLEY A		5809	W	MESA	AVE	FRESNO	93722
50634112S	FARLEY SEAN M & ANNA M		5811	W	MESA	AVE	FRESNO	93722
50634113S	DELGADILLO ALFREDO		5813	W	MESA	AVE	FRESNO	93722
50518315S	CAVIL FRANCINE		6501	W	MORRIS	AVE	FRESNO	93723
50518315S	CAVIL FRANCINE		6514	W	MORRIS	AVE	FRESNO	93723
50518316S	WALKER KEVONI D & LAURI		6515	W	MORRIS	AVE	FRESNO	93723
50518317S	OLIVER TIMOTHY A		6531	W	MORRIS	AVE	FRESNO	93723
50518317S	OLIVER TIMOTHY A		6547	W	MORRIS	AVE	FRESNO	93723
50518318S	POTTER JAMES W & ROBIN J		6563	W	MORRIS	AVE	FRESNO	93723
50518409S	RUELAS LETICIA & EFREN		6611	W	MORRIS	AVE	FRESNO	93723
50518308	VIRK KIRANJEET KAUR		6626	W	MORRIS	AVE	FRESNO	93723
50518408	ERWIN KEITH O & NANETTE A		6627	W	MORRIS	AVE	FRESNO	93723

53518306         WARD TANISHA C & LAMAR JR         6658         W         MORRIS         AVE         FRESNO         93           50518406         ARTEAGA JOHNNY W         6659         W         MORRIS         AVE         FRESNO         93           50518406         ALTAGA JOHNNY W         6674         W         MORRIS         AVE         FRESNO         93           50518405         GLAJAL IMAZIN         6675         W         MORRIS         AVE         FRESNO         93           50518404         PETERSON SPENCER III & LAQUITTA         6691         W         MORRIS         AVE         FRESNO         93           50518403         ORTEGA ANGELICA         6706         W         MORRIS         AVE         FRESNO         93           50518403         NUJAR MALKIAT S         6707         W         MORRIS         AVE         FRESNO         93           50518403         NUJAR MALKIAT S         6707         W         MORRIS         AVE         FRESNO         93           50518403         ONLOHONG SOUR A SCHIAVUE         6770         W         MORRIS         AVE         FRESNO         93           50518102         PORD LAWRENCE SEAN & ADELINE FULIKO         6802         W         <	APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP
100   100	50518407	LARKIN DENNIS R & VENUS		6643	W	MORRIS	AVE	FRESNO	93723
26518305   GUINN FRED B TRUSTEE   6674   W   MORRIS   AVE   FRESNO   93   30518404   ALALI MAZIN   6675   W   MORRIS   AVE   FRESNO   93   30518404   HARGER PATRICK PARIS & ARLIE BARRETT   6690   W   MORRIS   AVE   FRESNO   93   30518404   PETERSON SPENCER III & LAQUITTA   6691   W   MORRIS   AVE   FRESNO   93   30518404   PETERSON SPENCER III & LAQUITTA   6691   W   MORRIS   AVE   FRESNO   93   30518404   AUBRICA   ANGELICA   6706   W   MORRIS   AVE   FRESNO   93   30518404   AUBRICA   AUBRICA   AUBRICA   6707   W   MORRIS   AVE   FRESNO   93   30518402   GRANITLAND AVENUELLC   6723   W   MORRIS   AVE   FRESNO   93   30518402   GRANITLAND AVENUELLC   6770   W   MORRIS   AVE   FRESNO   93   30518402   AUBRICA   AUB	50518306	WARD TANISHA C & LAMAR JR		6658	W	MORRIS	AVE	FRESNO	93723
100   100	50518406	ARTEAGA JOHNNY W		6659	W	MORRIS	AVE	FRESNO	93723
S6518304   HARGER PATRICK PARIS & ARLIE BARRETT   6690   W   MORRIS   AVE   FRESNO   93   50518404   PETERSON SPENCER III & LAQUITTA   6691   W   MORRIS   AVE   FRESNO   93   50518403   ORTEGA ANGELICA   6706   W   MORRIS   AVE   FRESNO   93   50518403   NILJAR MALKIAT S   6707   W   MORRIS   AVE   FRESNO   93   50518402   GRANTLAND AVENUE LLC   6723   W   MORRIS   AVE   FRESNO   93   50518402   GRANTLAND AVENUE LLC   6770   W   MORRIS   AVE   FRESNO   93   50518402   AUDOVINOS MIGUEL & VICTORIA   6770   W   MORRIS   AVE   FRESNO   93   5051802   AUDOVINOS MIGUEL & VICTORIA   6770   W   MORRIS   AVE   FRESNO   93   50515033   FORD LAWRENCE SEAN & ADELINE FUJIKO   6802   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6803   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6818   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   6819   W   MORRIS   AVE   FRESNO   93   50515062   ESPINOSA ANDREA   AVE   FRESNO	50518305	GUINN FRED B TRUSTEE		6674	W	MORRIS	AVE	FRESNO	93723
S0518404   PETERSON SPENCER III & LAQUITTA   6691   W   MORRIS   AVE   FRESNO   93	50518405	AL-ALI MAZIN		6675	W	MORRIS	AVE	FRESNO	93723
S0518303   ORTEGA ANGELICA   6706   W   MORRIS   AVE   FRESNO   93	50518304	HARGER PATRICK PARIS & ARLIE BARRETT		6690	W	MORRIS	AVE	FRESNO	93723
S0518403   NIJJAR MALKIAT S   G707   W   MORRIS   AVE   FRESNO   93	50518404	PETERSON SPENCER III & LAQUITTA		6691	W	MORRIS	AVE	FRESNO	93723
S0518402   GRANTLAND AVENUE LLC   6723   W   MORRIS   AVE   FRESNO   93	50518303	ORTEGA ANGELICA		6706	W	MORRIS	AVE	FRESNO	93723
MOUA CHONG KOUA & CHIA VUE   6770   W   MORRIS   AVE   FRESNO   93   93   93   93   93   93   93   9	50518403	NIJJAR MALKIAT S		6707	W	MORRIS	AVE	FRESNO	93723
S0518201   VALDOVINOS MIGUEL & VICTORIA   6787   W   MORRIS   AVE   FRESNO   93   93   93   93   93   93   93   9	50518402	GRANTLAND AVENUE LLC		6723	W	MORRIS	AVE	FRESNO	93723
S0515063   FORD LAWRENCE SEAN & ADELINE FUJIKO   6802   W   MORRIS   AVE   FRESNO   93   93   93   93   93   93   93   9	50518102	MOUA CHONG KOUA & CHIA VUE		6770	W	MORRIS	AVE	FRESNO	93723
S0515055   MEZA LUZ S & CAROLYN C/F DVA   6803   W   MORRIS   AVE   FRESNO   93   93   93   93   93   93   93   9	50518201	VALDOVINOS MIGUEL & VICTORIA		6787	W	MORRIS	AVE	FRESNO	93723
SPINOSA ANDREA   6818 W MORRIS   AVE   FRESNO   93	50515063	FORD LAWRENCE SEAN & ADELINE FUJIKO		6802	W	MORRIS	AVE	FRESNO	93723
SOSTIONS   GRANTLAND AVENUE LLC   6819   W   MORRIS   AVE   FRESNO   93	50515055	MEZA LUZ S & CAROLYN C/F DVA		6803	W	MORRIS	AVE	FRESNO	93723
SOSTED   GRANTLAND AVENUE LLC   G835   W   MORRIS   AVE   FRESNO   93   93   93   93   94   94   94   94	50515062	ESPINOSA ANDREA		6818	W	MORRIS	AVE	FRESNO	93723
7170 W MORRIS AVE FRESNO 93 7180 W MORRIS AVE FRESNO 93 7183 W MORRIS AVE FRESNO 93 7194 W MORRIS AVE FRESNO 93 7197 W MORRIS AVE FRESNO 93 7197 W MORRIS AVE FRESNO 93 7211 W MORRIS AVE FRESNO 93 7222 W MORRIS AVE FRESNO 93 7222 W MORRIS AVE FRESNO 93 7225 W MORRIS AVE FRESNO 93 7226 W MORRIS AVE FRESNO 93 7236 W MORRIS AVE FRESNO 93 7239 W MORRIS AVE FRESNO 93 7239 W MORRIS AVE FRESNO 93 7250 W MORRIS AVE FRESNO 93 72	50515056	GRANTLAND AVENUE LLC		6819	W	MORRIS	AVE	FRESNO	93723
7180 W MORRIS AVE FRESNO 93 7183 W MORRIS AVE FRESNO 93 7194 W MORRIS AVE FRESNO 93 7197 W MORRIS AVE FRESNO 93 7211 W MORRIS AVE FRESNO 93 7222 W MORRIS AVE FRESNO 93 7222 W MORRIS AVE FRESNO 93 7225 W MORRIS AVE FRESNO 93 7226 W MORRIS AVE FRESNO 93 7236 W MORRIS AVE FRESNO 93 7239 W MORRIS AVE FRESNO 93 7239 W MORRIS AVE FRESNO 93 7250 W MORRIS AVE FRESNO 95 72	50515057	GRANTLAND AVENUE LLC		6835	W	MORRIS	AVE	FRESNO	93723
7183 W MORRIS AVE FRESNO 93 7194 W MORRIS AVE FRESNO 93 7197 W MORRIS AVE FRESNO 93 7211 W MORRIS AVE FRESNO 93 7222 W MORRIS AVE FRESNO 93 7222 W MORRIS AVE FRESNO 93 7225 W MORRIS AVE FRESNO 93 7226 W MORRIS AVE FRESNO 93 7236 W MORRIS AVE FRESNO 93 7239 W MORRIS AVE FRESNO 93 7239 W MORRIS AVE FRESNO 93 7250 W MORRIS AVE FRESNO 93 7250 W MORRIS AVE FRESNO 93 7253 W MORRIS AVE FRESNO 93 7264 W MORRIS AVE FRESNO 93 72654202 BOUNTHAVALANG ANOULAT 5536 N OLINDA AVE FRESNO 93 72654204 DE YOUNG PROPERTIES 5224 L P 5548 N OLINDA AVE FRESNO 93				7170	W	MORRIS	AVE	FRESNO	93723
7194 W MORRIS AVE FRESNO 93: 7197 W MORRIS AVE FRESNO 93: 7211 W MORRIS AVE FRESNO 93: 7222 W MORRIS AVE FRESNO 93: 7225 W MORRIS AVE FRESNO 93: 7226 W MORRIS AVE FRESNO 93: 7236 W MORRIS AVE FRESNO 93: 7239 W MORRIS AVE FRESNO 93: 7239 W MORRIS AVE FRESNO 93: 7250 W MORRIS AVE FRESNO 93: 7250 W MORRIS AVE FRESNO 93: 7253 W MORRIS AVE FRESNO 93: 7254 W MORRIS AVE FRESNO 93: 7255 W MORRIS AVE FRESNO 93: 7256 W MORRIS AVE FRESNO 93: 7257 W MORRIS AVE FRESNO 93: 7258 W MORRIS AVE FRESNO 93: 7259 W MORRIS AVE FRESNO 93: 7259 W MORRIS AVE FRESNO 93: 7250 W MORRIS AVE FRESNO 93:				7180	W	MORRIS	AVE	FRESNO	93723
7197 W MORRIS AVE FRESNO 93: 7211 W MORRIS AVE FRESNO 93: 7222 W MORRIS AVE FRESNO 93: 7225 W MORRIS AVE FRESNO 93: 7226 W MORRIS AVE FRESNO 93: 7236 W MORRIS AVE FRESNO 93: 7239 W MORRIS AVE FRESNO 93: 7239 W MORRIS AVE FRESNO 93: 7250 W MORRIS AVE FRESNO 93: 7250 W MORRIS AVE FRESNO 93: 7253 W MORRIS AVE FRESNO 93: 7264 W MORRIS AVE FRESNO 93: 7265 W MORRIS AVE FRESNO 93: 7266 W MORRIS AVE FRESNO 93: 7267 W MORRIS AVE FRESNO 93: 7268 W MORRIS AVE FRESNO 93: 7269 W MORRIS AVE FRESNO 93: 7260 W MORRIS AVE FRESNO 93:				7183	W	MORRIS	AVE	FRESNO	93723
7211 W MORRIS AVE FRESNO 93 7222 W MORRIS AVE FRESNO 93 7225 W MORRIS AVE FRESNO 93 7226 W MORRIS AVE FRESNO 93 7236 W MORRIS AVE FRESNO 93 7239 W MORRIS AVE FRESNO 93 7250 W MORRIS AVE FRESNO 93 7250 W MORRIS AVE FRESNO 93 7253 W MORRIS AVE FRESNO 93 7254 W MORRIS AVE FRESNO 93 7264 W MORRIS AVE FRESNO 93				7194	W	MORRIS	AVE	FRESNO	93723
7222 W MORRIS AVE FRESNO 93: 7225 W MORRIS AVE FRESNO 93: 7236 W MORRIS AVE FRESNO 93: 7239 W MORRIS AVE FRESNO 93: 7250 W MORRIS AVE FRESNO 93: 7250 W MORRIS AVE FRESNO 93: 7253 W MORRIS AVE FRESNO 93: 7264 W MORRIS AVE FRESNO 93: 7265 W MORRIS AVE FRESNO 93: 7266 W MORRIS AVE FRESNO 93: 7267 W MORRIS AVE FRESNO 93: 7268 W MORRIS AVE FRESNO 93: 7269 W MORRIS AVE FRESNO 93: 7269 W MORRIS AVE FRESNO 93: 7260 W MORRIS AVE FRESNO 93:				7197	W	MORRIS	AVE	FRESNO	93723
7225 W MORRIS AVE FRESNO 93: 7236 W MORRIS AVE FRESNO 93: 7239 W MORRIS AVE FRESNO 93: 7250 W MORRIS AVE FRESNO 93: 7253 W MORRIS AVE FRESNO 93: 7254 W MORRIS AVE FRESNO 93: 7254 W MORRIS AVE FRESNO 93: 7255 W MORRIS AVE FRESNO 93: 7256 W MORRIS AVE FRESNO 93: 7257 W MORRIS AVE FRESNO 93: 7258 W MORRIS AVE FRESNO 93: 7259 W MORRIS AVE FRESNO 93: 7250 W MORRIS AVE FRESNO 93: 7251 W MORRIS AVE FRESNO 93: 72524 W MORRIS AVE FRESNO 93: 7253 W MORRIS AVE FRESNO 93: 7254 W MORRIS AVE FRESNO 93: 7255 N OLINDA AVE FRESNO 93: 7255 N OLINDA AVE FRESNO 93:				7211	W	MORRIS	AVE	FRESNO	93723
7236 W MORRIS AVE FRESNO 93 7239 W MORRIS AVE FRESNO 93 7250 W MORRIS AVE FRESNO 93 7253 W MORRIS AVE FRESNO 93 7253 W MORRIS AVE FRESNO 93 7264 W MORRIS AVE FRESNO 93 7265 W MORRIS AVE FRESNO 93 7265 W MORRIS AVE FRESNO 93 7266 W MORRIS AVE FRESNO 93 7266 W MORRIS AVE FRESNO 93 7267 W MORRIS AVE FRESNO 93 7268 W MORRIS AVE FRESNO 93 7269 W MORRIS AVE FRESNO 93				7222	W	MORRIS	AVE	FRESNO	93723
7239 W MORRIS AVE FRESNO 93: 7250 W MORRIS AVE FRESNO 93: 7253 W MORRIS AVE FRESNO 93: 7264 W MORRIS AVE FRESNO 93:				7225	W	MORRIS	AVE	FRESNO	93723
7250 W MORRIS AVE FRESNO 93: 7253 W MORRIS AVE FRESNO 93: 7264 W MORRIS AVE FRESNO 93:				7236	W	MORRIS	AVE	FRESNO	93723
7253 W MORRIS AVE FRESNO 93: 7264 W MORRIS AVE FRESNO 93: 7265 N OLINDA AVE FRESNO 93:				7239	W	MORRIS	AVE	FRESNO	93723
7264 W MORRIS AVE FRESNO 93: 50524202 BOUNTHAVALANG ANOULAT 5536 N OLINDA AVE FRESNO 93: 50524204 DE YOUNG PROPERTIES 5224 L P 5548 N OLINDA AVE FRESNO 93: 50524109 DE YOUNG PROPERTIES 5224 L P 5559 N OLINDA AVE FRESNO 93:				7250	W	MORRIS	AVE	FRESNO	93723
50524202         BOUNTHAVALANG ANOULAT         5536         N         OLINDA         AVE         FRESNO         93           50524204         DE YOUNG PROPERTIES 5224 L P         5548         N         OLINDA         AVE         FRESNO         93           50524109         DE YOUNG PROPERTIES 5224 L P         5559         N         OLINDA         AVE         FRESNO         93				7253	W	MORRIS	AVE	FRESNO	93723
50524204         DE YOUNG PROPERTIES 5224 L P         5548         N         OLINDA         AVE         FRESNO         93           50524109         DE YOUNG PROPERTIES 5224 L P         5559         N         OLINDA         AVE         FRESNO         93				7264	W	MORRIS	AVE	FRESNO	93723
50524109 DE YOUNG PROPERTIES 5224 L P 5559 N OLINDA AVE FRESNO 93	50524202	BOUNTHAVALANG ANOULAT		5536	N	OLINDA	AVE	FRESNO	93723
	50524204	DE YOUNG PROPERTIES 5224 L P		5548	N	OLINDA	AVE	FRESNO	93723
50524204 DE YOUNG PROPERTIES 5224 L P 5560 N OLINDA AVE FRESNO 931	50524109	DE YOUNG PROPERTIES 5224 L P		5559	N	OLINDA	AVE	FRESNO	93723
	50524204	DE YOUNG PROPERTIES 5224 L P		5560	N	OLINDA	AVE	FRESNO	93723

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APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP
50524110	SUEHIRO JACK & ASHLEY		5571	N	OLINDA	AVE	FRESNO	93723
50524203	DE YOUNG PROPERTIES 5224 L P		5572	N	OLINDA	AVE	FRESNO	93723
50524111	SINOR MATTHEW		5583	N	OLINDA	AVE	FRESNO	93723
50524202	BOUNTHAVALANG ANOULAT		5584	N	OLINDA	AVE	FRESNO	93723
50523106	TORRES NICOLE	TORRES MINDY	5595	N	OLINDA	AVE	FRESNO	93723
50524201	DE YOUNG PROPERTIES 5224 L P		5596	N	OLINDA	AVE	FRESNO	93723
50523106	TORRES NICOLE	TORRES MINDY	5607	N	OLINDA	AVE	FRESNO	93723
50523201	CASTILLEJA MICHAEL D & ELSA D		5608	N	OLINDA	AVE	FRESNO	93723
50523105	CHAVEZ ALFONSO G & IRMA C		5619	N	OLINDA	AVE	FRESNO	93723
50523103	DRAKE DANNY & TAMARA MC KINNEY		5631	N	OLINDA	AVE	FRESNO	93723
50926022S	CANO ANTONIO		5703	W	OSWEGO	AVE	FRESNO	93722
50926021S	WOODS WILLIE JEAN		5709	W	OSWEGO	AVE	FRESNO	93722
50926020S	BANE GERALD		5715	W	OSWEGO	AVE	FRESNO	93722
			5860	N	PHOENIX	AVE	FRESNO	93723
			5882	N	PHOENIX	AVE	FRESNO	93723
			5904	N	PHOENIX	AVE	FRESNO	93723
			5926	N	PHOENIX	AVE	FRESNO	93723
			5948	N	PHOENIX	AVE	FRESNO	93723
			5970	N	PHOENIX	AVE	FRESNO	93723
			5992	N	PHOENIX	AVE	FRESNO	93723
50404088S	VALOROSI RAYMOND & SHELLY		7312	W	SAMPLE	AVE	FRESNO	93723
50403042S	BELL DENNIS L & FLORA G TRUSTEES		7427	W	SAMPLE	AVE	FRESNO	93723
50404087S	FARIA MANUEL JR & SADIE M TRUSTEES		7462	W	SAMPLE	AVE	FRESNO	93723
			6715	W	STUART	AVE	FRESNO	93723
			6727	W	STUART	AVE	FRESNO	93723
			6739	W	STUART	AVE	FRESNO	93723
			6751	W	STUART	AVE	FRESNO	93723
			6763	W	STUART	AVE	FRESNO	93723
			6774	W	STUART	AVE	FRESNO	93723
			6775	W	STUART	AVE	FRESNO	93723
			6786	W	STUART	AVE	FRESNO	93723
			6787	W	STUART	AVE	FRESNO	93723
			6859	W	STUART	AVE	FRESNO	93723
			6871	W	STUART	AVE	FRESNO	93723

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APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP	
			6883	W	STUART	AVE	FRESNO	93723	
			6895	W	STUART	AVE	FRESNO	93723	
			6907	W	STUART	AVE	FRESNO	93723	
			6919	W	STUART	AVE	FRESNO	93723	
			6931	W	STUART	AVE	FRESNO	93723	
			6943	W	STUART	AVE	FRESNO	93723	
			6955	W	STUART	AVE	FRESNO	93723	
			6967	W	STUART	AVE	FRESNO	93723	
			6979	W	STUART	AVE	FRESNO	93723	
50515019	OLDS SANDRA	OLDS SANDRA	5887	N	SYCAMORE	AVE	FRESNO	93723	
50515026	FERRARO MICHAEL S & NANCY TRUSTEES		5918	N	SYCAMORE	AVE	FRESNO	93723	
0515025	RANDOLPH BERNICE C WHITTLE & EDWIN L		5934	N	SYCAMORE	AVE	FRESNO	93723	
50515024	MILLER THOMAS W JR & RACHEL A		5950	N	SYCAMORE	AVE	FRESNO	93723	
50515023	DHALIWAL GURBINDER SINGH	DJALIWAL GURCHARAN SING	5 5951	N	SYCAMORE	AVE	FRESNO	93723	
			6016	N	SYCAMORE	AVE	FRESNO	93723	
			6017	N	SYCAMORE	AVE	FRESNO	93723	
			6024	N	SYCAMORE	AVE	FRESNO	93723	
			6025	N	SYCAMORE	AVE	FRESNO	93723	
			6032	N	SYCAMORE	AVE	FRESNO	93723	
			6033	N	SYCAMORE	AVE	FRESNO	93723	
			6040	N	SYCAMORE	AVE	FRESNO	93723	
			6041	N	SYCAMORE	AVE	FRESNO	93723	
			6048	N	SYCAMORE	AVE	FRESNO	93723	
			6049	N	SYCAMORE	AVE	FRESNO	93723	
			6057	N	SYCAMORE	AVE	FRESNO	93723	
			6065	N	SYCAMORE	AVE	FRESNO	93723	
			6081	N	SYCAMORE	AVE	FRESNO	93723	
			6089	N	SYCAMORE	AVE	FRESNO	93723	
			6096	N	SYCAMORE	AVE	FRESNO	93723	
			6097	N	SYCAMORE	AVE	FRESNO	93723	
			6104	N	SYCAMORE	AVE	FRESNO	93723	
			6105	N	SYCAMORE	AVE	FRESNO	93723	
			6112	N	SYCAMORE	AVE	FRESNO	93723	

APN	NAME1	NAME2		Direction	Street	Street Type	CITY	ZIP
			6113	N	SYCAMORE	AVE	FRESNO	93723
			6120	N	SYCAMORE	AVE	FRESNO	93723
			6121	N	SYCAMORE	AVE	FRESNO	93723
			6128	N	SYCAMORE	AVE	FRESNO	93723
			6129	N	SYCAMORE	AVE	FRESNO	93723
			6136	N	SYCAMORE	AVE	FRESNO	93723
			6137	N	SYCAMORE	AVE	FRESNO	93723
			6144	N	SYCAMORE	AVE	FRESNO	93723
			6145	N	SYCAMORE	AVE	FRESNO	93723
50403052S	POSEY ROBERT A		6130	N	TISHA	AVE	FRESNO	93723
			6006	N	TORREY PINES	AVE	FRESNO	93723
			6014	N	TORREY PINES	AVE	FRESNO	93723
			6022	N	TORREY PINES	AVE	FRESNO	93723
			6030	N	TORREY PINES	AVE	FRESNO	93723
			6038	N	TORREY PINES	AVE	FRESNO	93723
			6046	N	TORREY PINES	AVE	FRESNO	93723
			6054	N	TORREY PINES	AVE	FRESNO	93723
			6062	N	TORREY PINES	AVE	FRESNO	93723
			6070	N	TORREY PINES	AVE	FRESNO	93723
			6078	N	TORREY PINES	AVE	FRESNO	93723
			6086	N	TORREY PINES	AVE	FRESNO	93723
			6094	N	TORREY PINES	AVE	FRESNO	93723
			6095	N	TORREY PINES	AVE	FRESNO	93723
			6102	N	TORREY PINES	AVE	FRESNO	93723
			6103	N	TORREY PINES	AVE	FRESNO	93723
			6110	N	TORREY PINES	AVE	FRESNO	93723
			6111	N	TORREY PINES	AVE	FRESNO	93723
			6118	N	TORREY PINES	AVE	FRESNO	93723
			6119	N	TORREY PINES	AVE	FRESNO	93723
50405008	CURTIS FAMILY LIVING TRUST		6870	N	VAN BUREN	AVE	FRESNO	93722
50410215S	JFJ FARMS INC		6875	N	VAN BUREN	AVE	FRESNO	93722
50405008	CURTIS FAMILY LIVING TRUST		6944	N	VAN BUREN	AVE	FRESNO	93722
50412210S	NIETO SEVERIANO		6950	N	VAN BUREN	AVE	FRESNO	93722
50412211S	RUIZ HENRY ESPINOSA & CORINA		6960	N	VAN BUREN	AVE	FRESNO	93722

APN		NAME2		Direction	Street	Street Type	CITY	ZIP
50410106	BELMONTE MANUEL & AMPARO		6965	N	VAN BUREN	AVE	FRESNO	93722
50412212			6966	N	VAN BUREN	AVE	FRESNO	93722
50410105			6967	N	VAN BUREN	AVE	FRESNO	93722
50412213			6970	N	VAN BUREN	AVE	FRESNO	93722
50412214		MORALEZ EUFEMIA	6974	N	VAN BUREN	AVE	FRESNO	93722
50410104			6975	N	VAN BUREN	AVE	FRESNO	93722
50410103			6979	N	VAN BUREN	AVE	FRESNO	93722
50412215	5S GARCIA FELICITA		6980	N	VAN BUREN	AVE	FRESNO	93722
50410102			6985	N	VAN BUREN	AVE	FRESNO	93722
50412216			6990	N	VAN BUREN	AVE	FRESNO	93722
50410101			6991	N	VAN BUREN	AVE	FRESNO	93722
50412110			7010	N	VAN BUREN	AVE	FRESNO	93722
50411206			7011	N	VAN BUREN	AVE	FRESNO	93722
50412109			7020	N	VAN BUREN	AVE	FRESNO	93722
50411205		GALLEGOS LAURIE ANN	7027	N	VAN BUREN	AVE	FRESNO	93722
50412108	3S TRUJILLO PEDRO R & MARIA LIFE ESTATE		7030	N	VAN BUREN	AVE	FRESNO	93722
50411204	4 PARRA JOHN		7039	N	VAN BUREN	AVE	FRESNO	93722
50412107	7S TRUJILLO MARIA & PEDRO R LIFE ESTATE -		7040	N	VAN BUREN	AVE	FRESNO	93722
50412106	SS LONGHAT LAURA		7050	N	VAN BUREN	AVE	FRESNO	93722
50411203	B BELMONTE CECILIA	SWAN ALEX N	7055	N	VAN BUREN	AVE	FRESNO	93722
50412105	MAR LAWRENCE G & BEVERLY CHO		7060	N	VAN BUREN	AVE	FRESNO	93722
50411202	2 VASQUEZ EMILIO R & MINNIE		7065	N	VAN BUREN	AVE	FRESNO	93722
50411201	1 SANCHEZ SANTIAGO		7075	N	VAN BUREN	AVE	FRESNO	93722
50634114	4S WRIGHT JAMES & PHYLLIS		6189	N	VISTA	AVE	FRESNO	93722
50414010	DS DE LA CRUZ JOHN		6737	N	WEBER	AVE	FRESNO	93722
50414008	SS KUHLMANN TIMOTHY S	STAHL ED	6741	N	WEBER	AVE	FRESNO	93722
50414007	7S SANDOVAL CONNIE		6749	N	WEBER	AVE	FRESNO	93722
50414006	6 HERNDON EARL LEROY & YOLANDA		6755	N	WEBER	AVE	FRESNO	93722
50414005	5 ESPINOZA RAFAEL & AMELIA		6761	N	WEBER	AVE	FRESNO	93722
50414004	DARLING ELIZABETH R		6767	N	WEBER	AVE	FRESNO	93722
50414003	B DARLING ELIZABETH R		6777	N	WEBER	AVE	FRESNO	93722
50414002	DARLING ELIZABETH R		6779	N	WEBER	AVE	FRESNO	93722
50414001	1 GYULNAZARYAN ASHOT & SVETLANA		6783	N	WEBER	AVE	FRESNO	93722
50410505	5 RODRIGUEZ MARIA		6833	N	WEBER	AVE	FRESNO	93722

BEC Data Adequacy Responses Jan 2 2007
PROJ-21

APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP	
50410504	URBINA ARCELIA		6843	N	WEBER	AVE	FRESNO	93722	
50410507	BARRON MICHAEL A & BERNICE VALEZ		6853	N	WEBER	AVE	FRESNO	93722	
50410501	TRUJILLO REBECCA		6873	N	WEBER	AVE	FRESNO	93722	
50410215S	JFJ FARMS INC		6894	N	WEBER	AVE	FRESNO	93722	
50410217	GARABEDIAN JOHN & MELANIE D		6926	N	WEBER	AVE	FRESNO	93722	
50410407	GOMEZ LEONARD P & VERONICA	GOMEZ LEONARD P & VERONICA	6957	N	WEBER	AVE	FRESNO	93722	
50410406	RAMOS AGUST M & ALVINA Y TRUSTEES		6961	N	WEBER	AVE	FRESNO	93722	
50410110	VELASQUEZ EFRAIN		6964	N	WEBER	AVE	FRESNO	93722	
50410405	ALVARADO DEANNA S		6965	N	WEBER	AVE	FRESNO	93722	
50410111	PEREZ ADOLFO	SANCHEZ SANTIAGO	6968	N	WEBER	AVE	FRESNO	93722	
50410404	RODRIGUEZ MOSES H & GRACE V		6971	N	WEBER	AVE	FRESNO	93722	
50410111	PEREZ ADOLFO	SANCHEZ SANTIAGO	6972	N	WEBER	AVE	FRESNO	93722	
50410111	PEREZ ADOLFO	SANCHEZ SANTIAGO	6974	N	WEBER	AVE	FRESNO	93722	
50410404	RODRIGUEZ MOSES H & GRACE V		6975	N	WEBER	AVE	FRESNO	93722	
50410112	RODRIGUEZ NICOLAS G		6976	N	WEBER	AVE	FRESNO	93722	
50410403	SUMMERSET LIMITED INC		6979	N	WEBER	AVE	FRESNO	93722	
50410113	RAMOS AUGUST M & ALVINA Y TRUSTEES		6980	N	WEBER	AVE	FRESNO	93722	
50410402	SUMMERSET LIMITED INC		6983	N	WEBER	AVE	FRESNO	93722	
50410401	MONTEZ DELORES		6987	N	WEBER	AVE	FRESNO	93722	
50410116	WHITEHEAD LOIS		6990	N	WEBER	AVE	FRESNO	93722	
50411413	SUMMERS VERNON & JOANNE		7003	N	WEBER	AVE	FRESNO	93722	
50411207	SALAZAR THOMAS J & AUTUMN M		7006	N	WEBER	AVE	FRESNO	93722	
50411208	TRUEBLOOD TERRY D & PEGGY R		7014	N	WEBER	AVE	FRESNO	93722	
50411208	TRUEBLOOD TERRY D & PEGGY R		7018	N	WEBER	AVE	FRESNO	93722	
50411209	ARENAS JOE B & TOMASA R		7024	N	WEBER	AVE	FRESNO	93722	
50411209	ARENAS JOE B & TOMASA R		7024	N	WEBER	AVE	FRESNO	93722	
50411412	CERVANTES PHILLIP & JOANN		7025	N	WEBER	AVE	FRESNO	93722	
50411210	GUZMAN ALFRED JOE & HOPE TRUSTEES		7030	N	WEBER	AVE	FRESNO	93722	
50411210	GUZMAN ALFRED JOE & HOPE TRUSTEES		7032	N	WEBER	AVE	FRESNO	93722	
50411411	MARTINEZ BALDOMERO A & SYLVIA S		7037	N	WEBER	AVE	FRESNO	93722	
50411410	VASQUEZ ERNESTO JR		7041	N	WEBER	AVE	FRESNO	93722	
50411211	GUZMAN ALFRED JOE & HOPE TRUSTEES		7042	N	WEBER	AVE	FRESNO	93722	
50411212	ARREDONDO MARIA INEZ		7044	N	WEBER	AVE	FRESNO	93722	

BEC Data Adequacy Responses Jan 2 2007
PROJ-22

APN	NAME1	NAME2	Address #	Direction	Street	Street Type	CITY	ZIP
			7054	N	WEBER	AVE	FRESNO	93722
50411407	BELMONTE HELEN	BELMONTE HELEN	7059	N	WEBER	AVE	FRESNO	93722
			7062	N	WEBER	AVE	FRESNO	93722
50411406	LOPEZ NORMA		7065	N	WEBER	AVE	FRESNO	93722
			7066	N	WEBER	AVE	FRESNO	93722
			7068	N	WEBER	AVE	FRESNO	93722
50411405	SILVA WILLIE & YOLANDA		7069	N	WEBER	AVE	FRESNO	93722
			7072	N	WEBER	AVE	FRESNO	93722
50411404	AGURRIE FAUSTINA G LIFE ESTATE		7075	N	WEBER	AVE	FRESNO	93722
			7076	N	WEBER	AVE	FRESNO	93722
50411403	LUCERO DANIEL JR		7079	N	WEBER	AVE	FRESNO	93722
50411402	LUCERO SHARON RENEE		7085	N	WEBER	AVE	FRESNO	93722
50411401	PRICE MARK ALAN & ALVERA ANN		7093	N	WEBER	AVE	FRESNO	93722
50523110	GUILLOT FRANK		6256	W	WRENWOOD	LN	FRESNO	93723
50521412	DE YOUNG PROPERTIES 5224 L P		6272	W	WRENWOOD	LN	FRESNO	93723
50521416	DE YOUNG PROPERTIES 5224 L P		6304	W	WRENWOOD	LN	FRESNO	93723

BEC Data Adequacy Responses Jan 2 2007
PROJ-23

### TECHNICAL AREA: PROJECT OVERVIEW

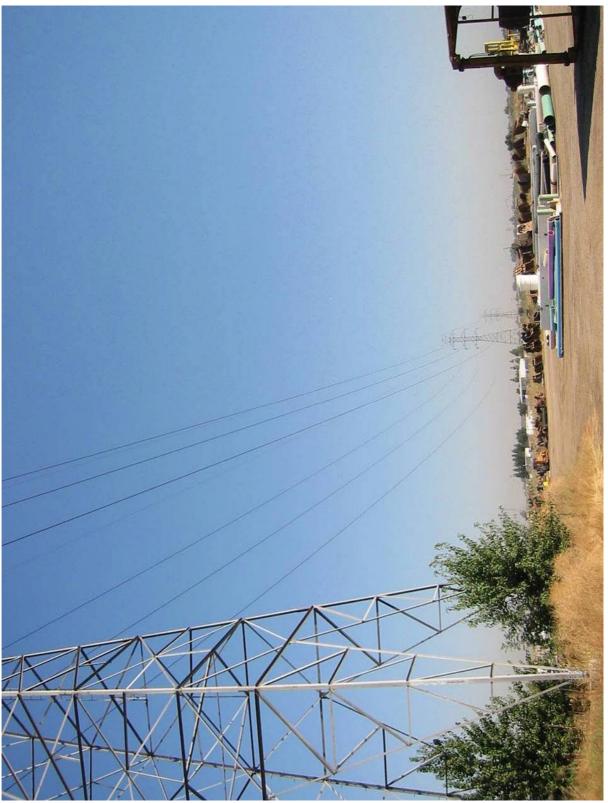
Data Request 13 Rev: Please provide a full-page color photographic reproduction

depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line

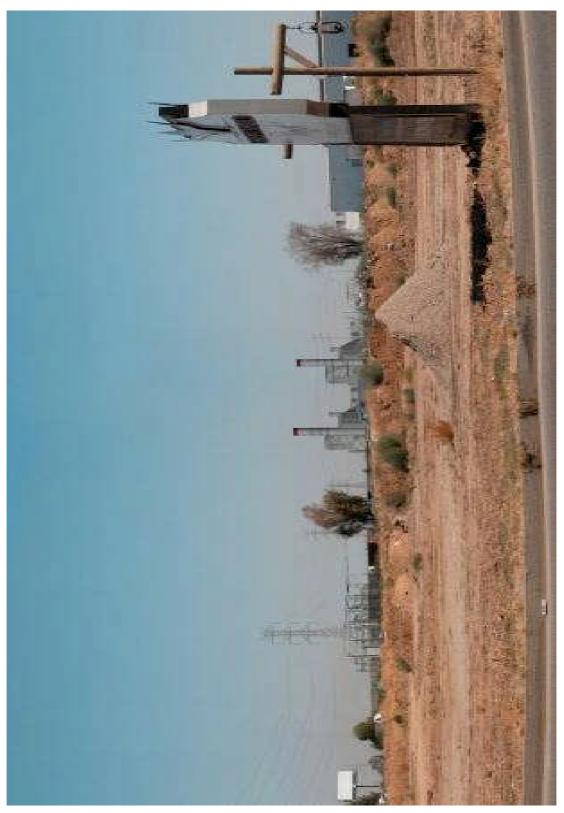
route after construction.

### Response:

The photographic reproductions described in the Data Request are provided on the following two pages.



TRANSMISSION LINES BEFORE CONSTRUCTION



TRANSMISSION LINES AFTER CONSTRUCTION

TECHNICAL AREA: RELIABILITY

Data Request 14 Rev: Describe the period required to demonstrate the reliability of the

GE LMS100 Gas Turbine.

### Response:

The GE LMS100 will be mature by the end of the startup/commissioning period. As with all technologies, assistance will be available from GE during the startup/commissioning period as well as during plant operations. Any difficulties with the turbine generator will be resolved with assistance from GE. During project startup, any difficulties will be reported to the CPM during the monthly compliance reports, and, during operation, any difficulties will be reported to the CPM in the quarterly compliance reports.

**TECHNICAL AREA: SOCIOECONOMICS** 

Data Request 15 Rev: Please provide a list of applicable local agencies with taxing

powers and the most recent and projected revenues.

#### Response:

Table 15 Rev-1 below lists applicable local taxing agencies with taxing powers, and Table 15 Rev-2 provides the most recent and project revenues.

### TABLE 15 REV-1 LIST OF APPLICABLE LOCAL AGENCIES WITH TAXING POWERS

Agency	Type of Tax
Fresno County	Property Tax
City of Fresno	Business Tax

The BEC is located within the County's Tax Rate Area 005-568. During the 2004-2005 fiscal year, the site property tax rate was 1.1281880 percent, which consisted of a 1.0 percent property tax base rate plus 0.1281880 percent for special bonds and assessments. The total property tax paid for 2004-2005 fiscal year was \$9,596.86. During the 2005-2006 fiscal year, the site property tax rate was 1.157386 percent, and the property tax amount paid was \$9,963.90.

Based on correspondence with the California Board of Equalization (BOE), the total unitary property value of the facility during the first year of operation may be roughly assessed at \$152 million. Using the property tax base rate of 1.0 percent, the estimated property tax revenue would be approximately \$1.52 million during the first year of operation, in 2005 dollars. Tax revenues and allocations are shown in Table 15 Rev-2 below.

Sales tax issued by the California Board of Equalization will result in revenue generated from local purchases made during project construction and operation, Please refer to Data Request 18 Rev for discussion on projected sales tax revenues.

### TABLE 15 REV-2 MOST RECENT AND PROJECTED TAX REVENUES

Тах Туре	Allocated Entity	Property Tax Percentage	Most Recent Tax Paid (2005-06)	Projected Tax, First Year Operation
Property Tax				
Base Factor Component	Central Unified School District	0.28013	\$2,003.16	\$426,745.22
Base Factor Component	City of Fresno	0.27479	\$1,964.97	\$418,610.36
Base Factor Component	Fresno County	0.25367	\$1,813.95	\$386,436.52
Base Factor Component	Fresno County Library	0.01953	\$139.66	\$29,751.67
Base Factor Component	Fresno Metropolitan Flood District	0.04262	\$304.77	\$64,926.58
Base Factor Component	Fresno Mosquito Abatement	0.01151	\$82.31	\$17,534.14
Base Factor Component	School Equalization for Fresno County Schools	0.06003	\$429.26	\$91,448.67
Base Factor Component	State Center Community College District	0.05772	\$412.75	\$87,929.66
Voter Approved Bond	Fresno Pension Override	0.032438	\$231.96	\$49,415.49
Voter Approved Bond	Central Unified School Bond	0.11991	\$857.45	\$182,668.83
Voter Approved Bond	State Center Community College District	0.005038	\$36.03	\$7,674.80
Fresno Metropolitan Flood Special Assessment Control District Special Assessment		\$140.48/acre	\$1685.76	\$1685.76
Special Assessment	Fresno Mosquito Vector Control		\$1.94	\$1.94
Total Property Tax			\$9,963.97	1,764,829.64
Business Tax	City of Fresno	<b></b> 1	<b></b> 2	<b></b> 2

<sup>(1)</sup>Tax amount for Adjusted Gross Receipts in excess of \$650,000.00 is \$600.00, plus \$0.93 cents per each \$1,000 or portion thereof over \$650,000.00.

Source: Fresno County Assessor's Office and Auditor-Controller Treasure-Tax Collector, and Fresno Metropolitan Flood Control District. 2006.

<sup>(2)</sup>Not available.

TECHNICAL AREA: SOCIOECONOMICS

Data Request 16 Rev: Please provide County or MSA quantitative estimates for the

availability of skilled workers by craft required for construction

and operation of the project.

### Response:

The following tables 16 Rev-1 and Rev-2 lists the availability of skilled workers by craft required for construction and operation of the project, respectively.

### TABLE 16 REV-2 PROJECT CONSTRUCTION LABOR NEEDS AND AVAILABLE LABOR

Discipline	Standard Occupation Classification			Kings County Labor Force		Madera County <sup>(1)</sup> Labor Force		Tulare County Labor Force		Max No. Workers Needed	Average
	(SOC)	2002	2012	2002	2012	2002	2012	2002	2012	(by month)	
Boilermakers <sup>(2)</sup>										14	13
Carpenters/ Cement Finishers	4720310742/ 47220510749	2290/ 800	3380/ 1240	140/ 40	170/ 50	/ 800	/ 1240	650	920	19	9
Electricians	4721110759	1120	1600	120	160			330	470	43	16
Insulation Workers	4721300761	130	180							17	8
Ironworkers	4722210774	250	330							31	19
Laborers	4720610751	2230	3290	120	150			860	1150	31 <sup>(4)</sup>	25 <sup>(4)</sup>
Millwrights	4990440860	60	90					30	40	41	18
Operating Engineers	4720730755	670	980	180	230			260	320	13	5
Painters	4721410765	690	930	90	110			100	130	9	5
Pipefitters	4721520769	1220	1790	60	80			390	540	39	10
Sheet Metal Workers	4722110773	640	670					130	180	9	5
Surveyors	1710220115	110	120							7 <sup>(5)</sup>	4 <sup>(5)</sup>
Teamsters	5370511088	1730	1870	270	300			2170	2680	28 <sup>(6)</sup>	9(6)
Commissioning Group <sup>(3)</sup>										3	3
Management Staff	1190210029	250	350	40	50			150	200	13	11

<sup>(--)</sup> Data not available.

Source: California Employment Development Department, Occupational Projections of Employment. 2006

<sup>(1)</sup> Madera County workforce data is combined with Fresno County.

<sup>(2)</sup> None listed in four county area.

<sup>(3)</sup> Personnel supplied by contractor owner.

<sup>(4)</sup> Data includes total laborers required for plant construction and linear piping construction.

<sup>(5)</sup> Data includes total surveyors required for plant construction and linear piping construction.

<sup>(6)</sup> Data includes total teamsters required for plant construction and linear piping construction.

### TABLE 16 REV-2 PROJECT OPERATION LABOR NEEDS AND AVAILABLE LABOR

Position	Standard Occupation Classification (SOC)	Fresno Labor	Positions	
	Ciassification (300)	2002	2012	
Environmental Technician	1920410182	130	160	1
Maintenance Technician	4990420858	2510	3000	2
Power Plant Operators	5180130986	180	230	4

### **TECHNICAL AREA: SOCIOECONOMICS**

Data Request 17 Rev: Please provide an estimate for locally purchased materials for

the operation phase of the project.

### Response:

The estimated value of materials and supplies purchased during the operation phase of the project is \$650,000 dollars per year (2005 dollars).

**TECHNICAL AREA: SOCIOECONOMICS** 

Data Request 18 Rev: Please provide a quantitative estimate of the potential impact of

tax revenues from the construction and operation of the project

(i.e., sales and use tax).

#### Response:

Major equipment components for the Bullard Energy Center, LLC will be manufactured in various locations throughout the United States and other countries. The majority of the equipment is being supplied by General Electric from their manufacturing facility near Houston, Texas. KMPG has been retained to evaluate all sales and use tax issues and advise BEC regarding sales and use tax to be paid. Once all of the equipment has been identified and cost commitments obtained, BEC along with KMPG will be able to determine the amount of sales and use tax liability. At present it is estimated that the amount of sales and use tax for construction will be in the range of \$3 million to \$8 million. Annual sales and use tax from plant operation, based on estimated local materials and supplies purchases of \$650,000, is estimated at approximately \$51,500 per year.

**TECHNICAL AREA: SOILS** 

Data Request 19 Rev: Discussion of cumulati

Discussion of cumulative impacts is inadequate and no monitoring plans were provided in the application.

Information Required:

(1) Discussion of cumulative impacts in including a list of past, present, and probable future projects producing related or cumulative impacts or a description or evaluation of regional or area-wide conditions.

(2) Monitoring plans proposed to verify the effectiveness of the mitigation.

#### Response:

1) There will be no cumulatively considerable impacts to soils as a result of past, current, and future projects to be developed within the vicinity of the BEC. All projects are required to conform with SWPPP (Storm Water Pollution Prevention Plan) requirements which will help to control dust, erosion, and water quality during construction and operation of new development in the area.

Application	Status	Location	Project	Zone
R-06-14	Pending:			
Tract 5690	Map not yet			
C-06-52	accepted			
A-05-24 R-05-122	At City Council on July 25, 2006	9.14 acres Southeast corner of N Polk and W Dante	118-unit condominium development	Plan Amendment from neighborhood commercial for 9.17 acres and medium-high density residential for 3.21 acres to the medium-high density residential for 9.17 acres and medium density residential for 3.21 acres Rezone from C-1/UGM to R-1 and R-2/UGM
C-06-117	In review and			
Tract 5755/UGM	comment period of process			
C-05-48	At City Council on August 23, 2005; Approved	6.5 acres northeast corner of N Polk and W Palo Alto	80-unit multiple family residential development	R-2/UGM/cz
A-05-25	At City Council	9.51 acres	65-dwelling	Plan Amendment from

R-05-123	on July 25, 2006; Approved	north side of W Bullard between N Grantland and N Bryan	planned unit development	medium density residential to medium-high density residential Rezone from AE-20 to R-2/UGM
A-06-19 R-06-55	Filed 8-31-06	47.46 acres south side of W Barstow between N Grantland and Veterans Blvd alignment	Remove N Bryan Ave between Veterans Blvd alignment and W Shaw Ave	Plan Amendment from collector to local street Rezone from AE-5/UGM to R-2/UGM

2) Monitoring plans are included within the General Permits, for construction and industrial activities, and SWPPP requirements of the State Water Resources Control Board in order to verify the effectiveness of the mitigation. The SWPPP must contain a visual monitoring program; a chemical monitoring program for "non-visible" pollutants to be implemented if there is a failure of BMPs; and a sediment monitoring plan if the site discharges directly to a water body listed on the 303(d) list for sediment.

#### **Monitoring Program**

The General Permit, for both construction and industrial activities, requires development and implementation of a monitoring program. The objectives of the monitoring program are to (1) demonstrate compliance with the General Permit, (2) aid in the implementation of the SWPPP, and (3) measure the effectiveness of the BMPs in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges.

At a minimum, these programs should include site inspections, a review of the facility operator's SWPPP, and a review of other records such as monitoring data, receiving water data, etc. The SWPPP and monitoring program requirements include various inspections, reviews, and observations all of which recognize, encourage, and mandate an iterative self-evaluation process that is necessary to consistently comply with the General Permit. (http://www.swrcb.ca.gov/stormwtr/index.html)

**TECHNICAL AREA: SOILS** 

Data Request 20 Rev: Information required under Appendix B (g) (15) (A) (i) and (g)

(15) (A) (ii).

### Response:

The map meets the scale requirements (1" = 2,000 ft or 1" = 24,000"). Information requested regarding soil characteristics related to the map are updated in the responses to data adequacy requests 21 and 22 to address missing information within the text of the soils section of the AFC.

**TECHNICAL AREA: SOILS** 

Data Request 21 Rev: Information Required: Depth of San Joaquin Series Soils

### Response:

San Joaquin Series soils are variable in depth, but a typical soil profile of the series indicates a depth of up to 60 inches. (Soil Survey, Eastern Fresno Area, California, United States Department of Agriculture, U.S. Government Printing Office: 1971).

**TECHNICAL AREA: SOILS** 

Data Request 22 Rev: Information Required: Additional information on physical and

chemical soil characteristics, including saturated hydraulic conductivity, soil erosion factors, and wind erosion factors for each soil type identified in the application. Data describing revegetation potential and cycling of pollutants are also required.

#### Response:

#### **Exeter Series Soils:**

- Exeter Sandy Loam: Permeability and saturated hydraulic conductivity is very slow due to the hardpan that typically exists at 24 inches in depth. There is generally seasonal saturation of the subsoil above the hardpan. Cracks or breaks in the hardpan allow collected water to drain slowly, although not quickly enough to avoid the development of poor drainage in the subsoil. The available water holding capacity of this type of soil is low and the erosion hazard is slight. The K-factor rating of this soil, which indicates the susceptibility of the soil to sheet and rill erosion by water, is 0.32 (Values of K range from 0.02 to 0.69). The wind erodibility index rating of the soil, which is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion, is 86 tons per acre per year. There is no established measure for the revegetation potential or cycling of pollutants for this type of soil and would require a site specific soil survey which is beyond the scope of this AFC.
- Exeter Loam: Characteristics of this soil are similar to that of Exeter Sandy Loam but with a slightly higher available water capacity. The erosion hazard of this soil is also slight. The K-factor rating of this soil, which indicates the susceptibility of the soil to sheet and rill erosion by water, is 0.32 (Values of K range from 0.02 to 0.69). The wind erodibility index rating of the soil, which is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion, is 48 tons per acre per year. There is no established measure for the revegetation potential or cycling of pollutants for this type of soil and would require a site specific soil survey which is beyond the scope of this AFC.

#### Hanford Series Soils

Hanford Fine Sandy Loam, Silty Substration: The permeability and hydraulic conductivity is moderately rapid and the available water holding capacity is high. The hazard of erosion is slight to none. This soil has a compact silty layer around 3 to 3.5 feet. In many places this silty layer is broken by cracks or burrows of animals or insects. There is only a mild restriction to internal drainage and many roots can grow in these cracks and burrows. Revegetation potential of this type of soil is considered moderate. The K-factor rating of this soil, which indicates the susceptibility of the soil to sheet and rill erosion by water, is 0.32 (Values of K range from 0.02 to 0.69). The wind erodibility index rating of the soil, which is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion, is 86 tons per acre per year. There is no established measure for the cycling of pollutants for this type of soil and would require a site-specific soil survey which is beyond the scope of this AFC.

### Hesperia Series Soils

Hesperia Fine Sandy Loam Moderately Deep: Permeability and hydraulic conductivity of this soil is moderate, and moderately slow in areas where underlying material has been undisturbed. The soil has only a slight restriction to internal drainage due to breaks in the material or burrows. Roots are able to penetrate deeply as a result of these breaks and burrows. The available water holding capacity of the soil is high and the hazard of erosion is slight to none. The K-factor rating of this soil, which indicates the susceptibility of the soil to sheet and rill erosion by water, is 0.32 (Values of K range from 0.02 to 0.69). The wind erodibility index rating of the soil, which is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion, is 86 tons per acre per year. There is no established measure for the revegetation potential or cycling of pollutants for this type of soil and would require a site specific soil survey which is beyond the scope of this AFC.

#### San Joaquin Series Soils

- San Joaquin Loam, Shallow, 0 to 3 percent slopes: The permeability and hydraulic conductivity of this soil is very slow due to the hardpan, at a depth of 21 to 24 inches, and clayey horizon overlying it. The available water holding capacity of the soil is very low, to low. Erosion hazard is slight and the revegetation potential is considered good. The K-factor rating of this soil, which indicates the susceptibility of the soil to sheet and rill erosion by water, is 0.37 (Values of K range from 0.02 to 0.69). The wind erodibility index rating of the soil, which is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion, is 48 tons per acre per year. There is no established measure for the cycling of pollutants for this type of soil and would require a site-specific soil survey which is beyond the scope of this AFC.
- San Joaquin Sandy Loam, 0 to 3 percent slopes: The permeability and hydraulic conductivity of this soil is very slow due to the hardpan and clayey horizon overlying it. The available water holding capacity of the soil is generally low. Erosion hazard is slight and the revegetation potential is considered good. The K-factor rating of this soil, which indicates the susceptibility of the soil to sheet and rill erosion by water, is 0.32 (Values of K range from 0.02 to 0.69). The wind erodibility index rating of the soil, which is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion, is 86 tons per acre per year. There is no established measure for the cycling of pollutants for this type of soil and would require a site-specific soil survey which is beyond the scope of this AFC.
- San Joaquin Sandy Loam, Shallow, 0 to 3 percent slopes: The permeability and hydraulic conductivity of this soil is very slow due to the hardpan and clayey horizon overlying it. The available water holding capacity of the soil is generally low. Erosion hazard is slight and the revegetation potential is considered good. The K-factor rating of this soil, which indicates the susceptibility of the soil to sheet and rill erosion by water, is 0.32 (Values of K range from 0.02 to 0.69). The wind erodibility index rating of the soil, which is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion, is 48 tons per acre per year. There is no established measure for the cycling of pollutants for this type of soil and would require a site-specific soil survey which is beyond the scope of this AFC.

(Soil Survey, Eastern Fresno Area, California, United States Department of Agriculture, U.S. Government Printing Office: 1971 and http://websoilsurvey.nrcs.usda.gov/app/)

**TECHNICAL AREA: SOILS** 

Data Request 23 Rev: Information required under Appendix B (g) (15) (C) (i) and (g)

(15) (C) (iii).

### Response:

See the responses to data adequacy requests 24 and 25.

**TECHNICAL AREA: SOILS** 

Data Request 24 Rev: Information Required: Quantification of accelerated soil loss due

to wind and water erosion. The application must include a quantitative analysis of potential soil erosion for the temporary and permanent portions of project, including plant site, laydown

area and offsite linears.

#### Response:

Potential soil erosion at the project site is not an issue as the site is currently paved and will continue to be covered with gravel following the construction of the facility. The laydown area consists primarily of Exeter Sandy Loam soil which has a moderate rate of water erosion, with a 0.32 K factor. The loss of soil to wind erosion is approximately 86 tons per acre per year. The offsite linears will be constructed in areas consisting of Exeter, as mentioned previously, Hanford, Hesperia, and San Joaquin Series soils. Hanford Series soils have a moderate rate of water erosion, with a 0.32 K factor, and the loss of soil to wind erosion is approximately 86 tons per acre per year. Hesperia Series soils have a moderate rate of water erosion, with a 0.32 K factor, and the loss of soil to wind erosion is approximately 86 tons per acre per year. San Joaquin Series soils have a moderate rate of water erosion, with a K factor ranging from 0.32 for San Joaquin Sandy Loams to 0.37 for San Joaquin Loams, and the loss of soil to wind erosion is approximately 48 tons per acre per year for San Joaquin Loam, Shallow, 0 to 3 percent slopes and San Joaquin Sandy Loam, Shallow, 0 to 3 percent slopes. The loss of soil to wind erosion is approximately 86 tons per acre per year for San Joaquin Sandy Loam, 0 to 3 percent slopes.

Erosion from wind and water as a result of construction and operation of this project will not be accelerated as the project is required to comply with the requirements of a Storm Water Pollution Prevention Plan which will help to control dust, erosion, and water quality during construction and operation of the project by establishing Best Management Practices (BMPs) to prevent all construction pollutants from contacting storm water and with the intent of keeping all products of erosion from moving off site into receiving waters.

(http://websoilsurvey.nrcs.usda.gov/app/)

**TECHNICAL AREA: SOILS** 

Data Request 25 Rev: Information Required: Assessment of effect of power plant

emissions on surrounding soil-vegetation systems.

#### Response:

As determined through the biological analysis performed for this AFC, very minimal native vegetation is present in the vicinity of the project site due to industrial activity and other forms of development in the area. The operational sources of emissions associated with the BEC include two turbine stacks which will generate emissions from the combustion of natural gas, a stack for the firewater pump engine, and the cooling tower. Impacts to soil-vegetation systems in the area as a result of these emissions are less than significant because modeled ground-level concentrations of criteria air pollutants, including particulate matter (PM), nitrogen dioxide (NO2), sulfur dioxide (SO2), volatile organic compounds (VOCs), and carbon monoxide (CO), that would be emitted from emissions at the BEC site are below levels that would cause violations of the ambient air quality standards or contribute significantly to existing violations. Since native vegetation is minimal within a 1-mile radius of the plant site, only less than significant impacts to native vegetation associated with air emissions and subsequent ground deposition are anticipated.

**TECHNICAL AREA: SOILS** 

Data Request 26 Rev: Information Required: LORS and permits related to soil erosion

and siltation control during both project construction and project operation. CEQA discussion of alteration of agricultural land

characteristics due to plant air emissions.

Response:

### TABLE 5.4-2 LORS APPLICABLE TO SOILS RESOURCES AND AGRICULTURE

LORS	Jurisdiction	Applicability	Conformance
Federal			
The Federal Water Pollution Control Act of 1972; Clean Water Act of 1977	Environmental Protection Agency, 404 Permit issued by Army Corps of Engineers, 401 Permit issued by State Water Resources Control Board	Establishes requirements for any facility or activity that has or will discharge waste (including sediment due to accelerated erosion) that may interfere with the beneficial uses of receiving waters	Sections 5.4.2, 5.4.5.1
U.S. Department of Agriculture, Soil Conservation Service (SCS). National Engineering Handbook (1983), Sections 2 and 3	United States Department of Agriculture - Natural Resources Conservation Service	Planning, design, and construction of soil conservation practices	Sections 5.4.2, 5.4.5.1
State			
Cal. Public Resources Code * 25523(a): CCR** 1752, 1752.5, 2300-2309, and Chapter 2, Subchapter 5, Article 1, Appendix B, Part (i)	California Energy Commission (CEC)	Protection of Environmental Quality	Sections 5.4.2, 5.4.5.2
California Environmental Quality Act, Cal. Public Resources Code * 21000 et seq.; Guidelines for Implementation of the California Environmental Quality Act of 1970, 14 CCR * 15000-15387, Appendix G	California Energy Commission (CEC)	Substantial soil erosion or loss of topsoil, degradation or loss of available agricultural land, agricultural activities, or agricultural land productivity in the project area, alteration of agricultural land characteristics due to plant air emissions, or conversion of prime or unique farmland, or farmland of statewide importance, to no-agricultural use	Sections 5.4.2, 5.4.5.2

LORS	Jurisdiction	Applicability	Conformance
The California Porter-Cologne Water Quality Control Act of 1952; Cal. Water Code, * 13260 – 13269; 23 CCR Chapter 9	California State Water Resources Control Board - Permits issued by Central Valley Regional Water Quality Control Board	Requires adequate protection of water quality by appropriate design, sizing, and construction of erosion and sediment controls	Sections 5.4.2, 5.4.5.2
State Water Resources Control Board Construction Storm Water Program	- Permits issued by Central Valley Regional Water Quality Control Board	Requires facility operators to develop and implement a storm water pollution prevention plan (SWPPP); and perform monitoring of storm water discharges and authorized non-storm water discharges to help to control dust, erosion, and water quality during construction and operation of new development in the area. Establishes permit requirements and BMPs for general and linear construction in relation to soils and erosion.	Sections 5.4.2, 5.4.5.2
State Water Resources Control Board Industrial Storm Water Program	California State Water Resources Control Board - Permits issued by Central Valley Regional Water Quality Control Board	Regulates discharge from industrial activities and requires the development of a Storm Water Pollution Prevention Plan (SWPPP) and a monitoring plan to identify sources of pollutants and the means to manage the sources to reduce storm water pollution.	Sections 5.4.2, 5.4.5.2
Local			
Fresno County Building and Construction Code, Title 15: Chapter 15.28	•	Establishes grading and excavation requirements during the construction phase of the project that will apply to linears to be constructed within county lands.	Sections 5.4.2, 5.4.5.3
City of Fresno, Municipal Code, Chapter 13, Section 1, Article 1	City of Fresno – Permits issued by Planning and Development Department	Establishes grading and excavation requirements during the construction phase of the project	Sections 5.4.2, 5.4.5.3

The State Water Resources Control Board requires a Construction Activities General Permit and Industrial Storm Water General Permit, requiring the creation of a Storm Water Pollution Prevention Plan which will help to control soil erosion and siltation during both project construction and operation. Covered within the Construction Activities General Permit are requirements relating to "Storm Water Discharges Associated with Construction Activity from Small Linear Underground/Overhead Projects."

The SWPPP should contain a site map(s) which shows the construction site perimeter, existing and proposed buildings, lots, roadways, storm water collection and discharge points, general topography both before and after construction, and drainage patterns across the project. The SWPPP must list Best Management Practices (BMPs) the discharger will use to protect storm water runoff and the placement of those BMPs.

#### **TABLE 5.4-4 APPLICABLE PERMITS**

Jurisdiction	Potential Permit Requirements
Federal	No federal permits were identified
State	Construction Activities General Permit from SWRCB
State	Industrial Stormwater General Permit from SWRCB
Local	Grading Permit from Fresno County
Local	Grading Permit from City of Fresno

The CEQA discussion of alteration of agricultural land characteristics due to plant air emissions is discussed in the biological resources section of the AFC. As determined through the biological analysis performed for this AFC, impacts to soil and vegetation systems in the area, including agricultural lands, as a result of plant emissions are less than significant because modeled ground-level concentrations of criteria air pollutants, including particulate matter (PM), nitrogen dioxide (NO2), sulfur dioxide (SO2), volatile organic compounds (VOCs), and carbon monoxide (CO), that would be emitted from emissions at the BEC site are below levels that would cause violations of the ambient air quality standards or contribute significantly to existing violations. Only minor impacts to vegetation associated with air emissions and subsequent ground deposition are anticipated.

**TECHNICAL AREA: SOILS** 

Data Request 27 Rev: Information Required: Identity of each agency with jurisdiction to

the issue permits and to enforce the LORS that is listed in Table

5.4-2.

Response:

### TABLE 5.4-2 LORS APPLICABLE TO SOILS RESOURCES AND AGRICULTURE

LORS	Jurisdiction	Applicability	Conformance
Federal			
The Federal Water Pollution Control Act of 1972; Clean Water Act of 1977	Environmental Protection Agency, 404 Permit issued by Army Corps of Engineers, 401 Permit issued by State Water Resources Control Board	Establishes requirements for any facility or activity that has or will discharge waste (including sediment due to accelerated erosion) that may interfere with the beneficial uses of receiving waters	Sections 5.4.2, 5.4.5.1
U.S. Department of Agriculture, Soil Conservation Service (SCS). National Engineering Handbook (1983), Sections 2 and 3	United States Department of Agriculture - Natural Resources Conservation Service	Planning, design, and construction of soil conservation practices	Sections 5.4.2, 5.4.5.1
State			
Cal. Public Resources Code * 25523(a): CCR** 1752, 1752.5, 2300-2309, and Chapter 2, Subchapter 5, Article 1, Appendix B, Part (i)	California Energy Commission (CEC)	Protection of Environmental Quality	Sections 5.4.2, 5.4.5.2
California Environmental Quality Act, Cal. Public Resources Code * 21000 et seq.; Guidelines for Implementation of the California Environmental Quality Act of 1970, 14 CCR * 15000-15387, Appendix G	California Energy Commission (CEC)	Substantial soil erosion or loss of topsoil, degradation or loss of available agricultural land, agricultural activities, or agricultural land productivity in the project area, alteration of agricultural land characteristics due to plant air emissions, or conversion of prime or unique farmland, or farmland of statewide importance, to no-agricultural use	Sections 5.4.2, 5.4.5.2

LORS	Jurisdiction	Applicability	Conformance	
The California Porter-Cologne Water Quality Control Act of 1952; Cal. Water Code, * 13260 – 13269; 23 CCR Chapter 9	California State Water Resources Control Board – Permits issued by Central Valley Regional Water Quality Control Board	Requires adequate protection of water quality by appropriate design, sizing, and construction of erosion and sediment controls	Sections 5.4.2, 5.4.5.2	
State Water Resources Control Board Construction Storm Water Program	- Permits issued by Central Valley Regional	Requires facility operators to develop and implement a storm water pollution prevention plan (SWPPP); and perform monitoring of storm water discharges and authorized non-storm water discharges to help to control dust, erosion, and water quality during construction and operation of new development in the area. Establishes permit requirements and BMPs for linear construction in relation to soils and erosion.	Sections 5.4.2, 5.4.5.2	
State Water Resources Control Board Industrial Storm Water Program	California State Water Resources Control Board – Permits issued by Central Valley Regional Water Quality Control Board	Regulates discharge from industrial activities and requires the development of a Storm Water Pollution Prevention Plan (SWPPP) and a monitoring plan to identify sources of pollutants and the means to manage the sources to reduce storm water pollution.	Sections 5.4.2, 5.4.5.2	
Local				
Fresno County Building and Construction Code, Title 15: Chapter 15.28		Establishes grading and excavation requirements during the construction phase of the project that will apply to linears to be constructed within county lands.	Sections 5.4.2, 5.4.5.3	
City of Fresno, Municipal Code, Chapter 13, Section 1, Article 1	City of Fresno – Permits issued by Planning and Development Department	Establishes grading and excavation requirements during the construction phase of the project	Sections 5.4.2, 5.4.5.3	

**TECHNICAL AREA: SOILS** 

Data Request 28 Rev: Information Required: A discussion of the measures and

procedures that the project will employ to ensure conformity with

LORS during the construction of offsite pipelines.

### Response:

The project must comply with the required Storm Water Pollution Prevention Plan (SWPPP) and Best Management Practices (BMPs) established for the construction of offsite pipelines. The State Water Resources Control Board lists the following as best management practices relating to "Construction Activity from Small Linear Underground/Overhead Projects."

BMP Title				
Scheduling				
Silt Fence				
Fiber Rolls				
Gravel Bag Berm				
Sandbag Barrier				
Storm Drain Inlet Protection				
Tracking Controls				
Stockpile Management				
Material Delivery and Storage				
Material Use				
Spill Control				
Solid Waste Management				
Hazardous Materials/Waste Management				
Contaminated Soil Management				
Sanitary/Septic Waste Management				
Liquid Waste Management				
Dewatering Operations				
Paving Operations				
Vehicle and Equipment Cleaning				
Vehicle & Equipment Fueling				
Concrete/Coring/Sawcutting and Drilling Waste Management				
Dewatering Utility Substructures and Vaults				
Vegetation Management including Mechanical and Chemical Weed Control				
Over-Water Protection				
Removal of Utility Location/Mark-Out Paint				
Preservation of Existing Vegetation				
Temporary Soil Stabilization				
Hydraulic Mulch				
Hydroseeding				
Soil Binders				
Straw Mulch				
Geotextiles, Plastic Covers and Erosion Control Blankets/Mats				
Dust (Wind Erosion) Control				

The State Water Resources Control Board provides detailed information on how to implement these BMPs in order to effectively control sediment during the construction of the linears. (http://www.waterboards.ca.gov/stormwtr/docs/2003-0007-attach\_6.pdf).

The General Permits required by the State Water Resources Control Board, for both construction and industrial activities, requires development and implementation of a monitoring program. The objectives of the monitoring program are to (1) demonstrate compliance with the General Permit, (2) aid in the implementation of the SWPPP, and (3) measure the effectiveness of the BMPs in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges.

At a minimum, these programs should include site inspections, a review of the facility operator's SWPPP, and a review of other records such as monitoring data, receiving water data, etc. The SWPPP and monitoring program requirements include various inspections, reviews, and observations all of which recognize, encourage, and mandate an iterative self-evaluation process that is necessary to consistently comply with the General Permit.

**TECHNICAL AREA: SOILS** 

Data Request 29 Rev: Information Required: Contact information for each agency with

jurisdiction to issue permits and to enforce LORS that is

identified in Table 5.4-2.

### Response:

Agency	Contact	Title	Address	Telephone
State Water Resources Control Board	Lisa Adler	Staff – Division of Water Quality	P.O. Box 1977 Sacramento, CA 95812-1977	916-341-5506
Central Valley Regional Water Quality Control Board – Sacramento Main Office	Duncan Austin	Staff – Water Quality Control Board	11020 Sun Center Dr., #200 Rancho Cordova, CA 95670-6114	916-464-3291
Central Valley Regional Water Quality Control Board – Fresno Branch Office	Dale Harvey	Stormwater Assistance	1685 "E" Street Fresno, CA 93706- 2007	559- 445-6190
Fresno County Department of Planning & Public Works	Briza Sholars	Planning and Resource Analyst	2220 Tulare Street Sixth Floor, Fresno CA 93721	
City of Fresno, Planning and Development Department	Arnoldo Rodriguez	Supervising Planner	2600 Fresno Street, Fresno, CA	559-621-8633

TECHNICAL AREA: TRANSMISSION SYSTEM ENG.

#### Data Request 30 Rev:

In order to identify required downstream transmission facilities and to demonstrate conformance or non-conformance with the NERC/WSCC, and/or Utility planning standards and reliability criteria, please provide the following with respect to the System Impact Study for the nominal 200 MW Bullard Energy Center (BEC):

- a. List all major study assumptions in the base cases including imports and exports to the system, major Path flows, major generations including queue generation projects and hydro, loads in the area systems.
- b. Identify the reliability and planning criteria utilized to determine the reliability criteria violations in the area systems.
- c. For the Power Flow analysis with each base case for N-0, N-1 and critical N-2 contingency conditions, provide a list of overload criteria violations in the Fresno area and non-Fresno areas in one table showing the loadings and ratings of the overloaded lines or equipment before and after adding the new generation and their differences side by side. Identify the pre-project existing overloads, post-project new overloads and incremental overloads.
- d. If the study identifies criteria violations, list all utility approved mitigation measures.
- e. Provide power flow diagrams (showing MVA, % loading & P.
   U. voltage) for base cases with and without the BEC project.
   Power flow diagrams must also be provided for all N-0, N-1
   and N-2 studies where overloads or voltage violations occur.
- f. Provide electronic copies of \*.sav and \*.drw, \*.dyd and \*.swt GE PSLF files and EPCL contingency and comparison files in a CD (if available).

#### Response:

The information requested above can be found in the Transmission System Impact Study and Facility Study referenced in the Response to Data Request 10 Rev.

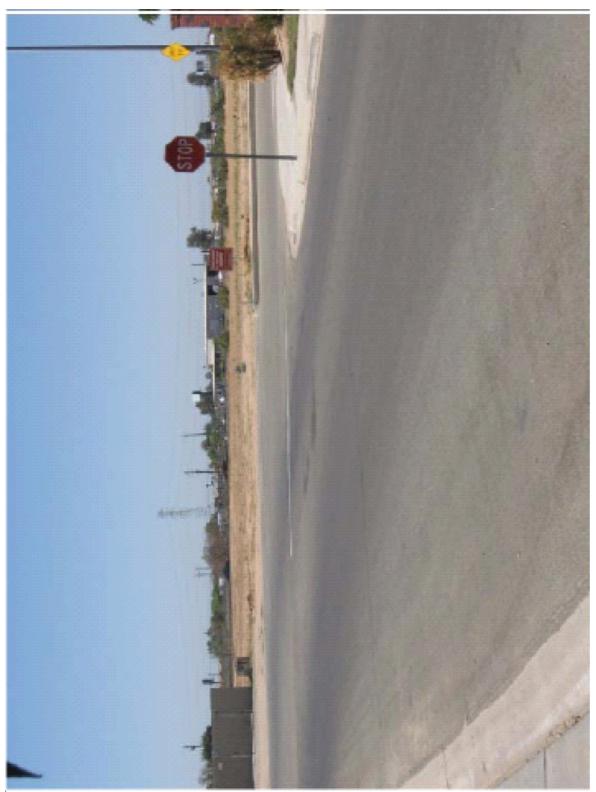
TECHNICAL AREA: VISUAL RESOURCES

Data Request 31 Rev: Please provide full-page color photographic reproductions of the

existing site, and full-page color simulations of the proposed project in the existing setting from each location. Color reproductions in the AFC are half scale.

### Response:

Full page color photographic reproductions of the existing site and full page color simulations of the proposed project are provided.



Existing view from residence along West Carnegie Avenue, approximately 0.25 mile east of the BEC.



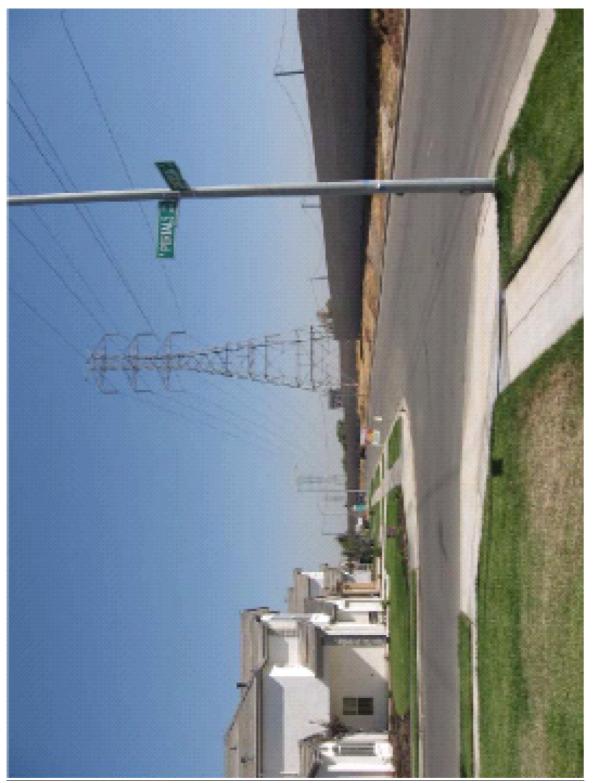
Simulated view from residence along West Carnegie Avenue, approximately 0.25 mile east of the BEC.



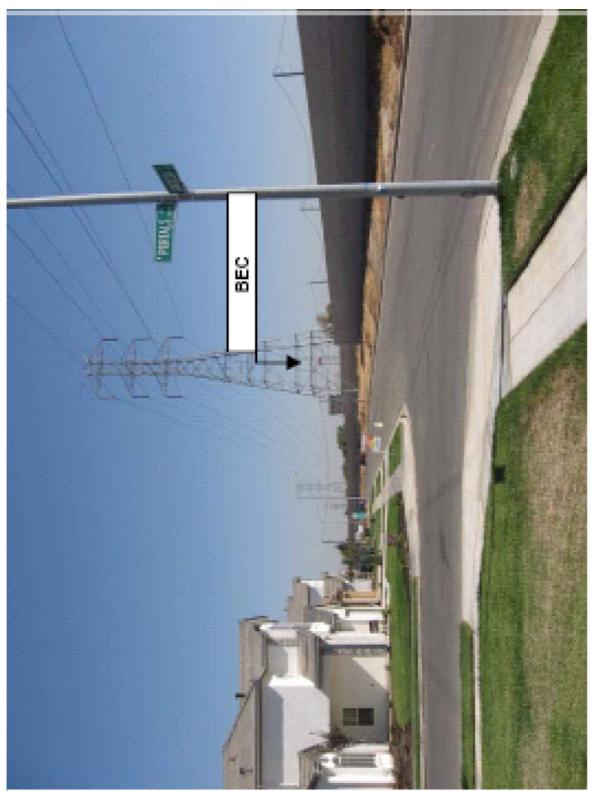
Existing view from entrance to Island Waterpark, a private recreational/amusement site, 0.3 mile south of the BEC.



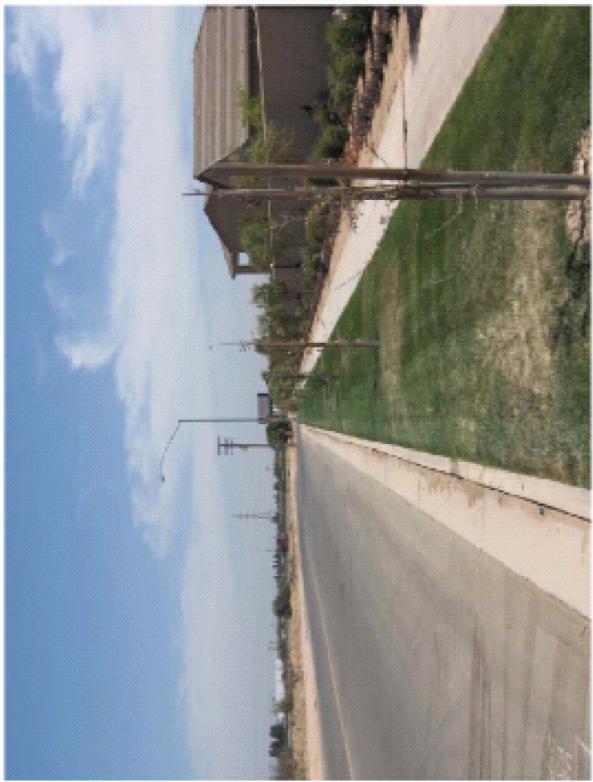
Simulated view from the entrance to Island Waterpark, a private recreational/amusement site, 0.3 mile south of the BEC.



Existing view from a residence in a newly developed residential neighborhood 0.3 mile southwest of the BEC.



Simulated view from a residence in a newly developed residential neighborhood 0.3 mile southwest of the BEC.



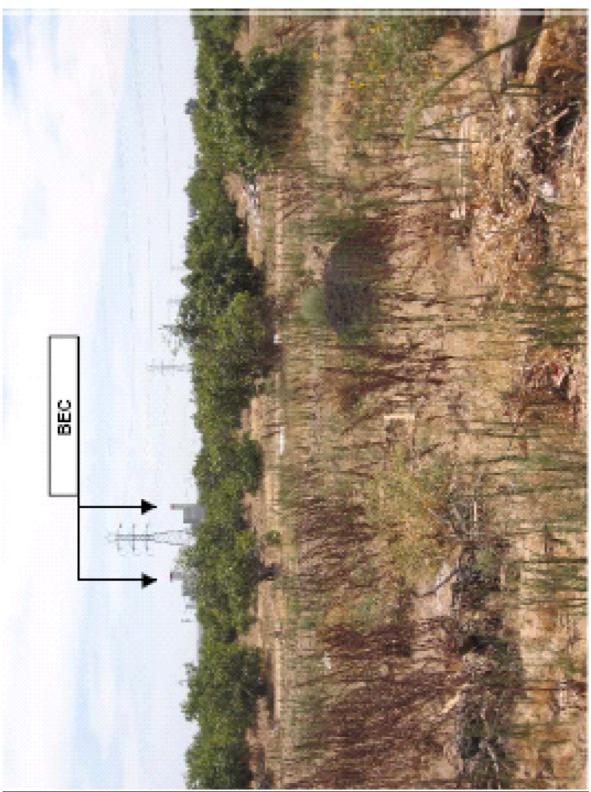
Existing view from a newly developed residential area along Bullard Avenue, approximately 0.5 mile northwest of the BEC.



Simulated view from a newly developed residential area along Bullard Avenue, approximately 0.5 mile northwest of the BEC.



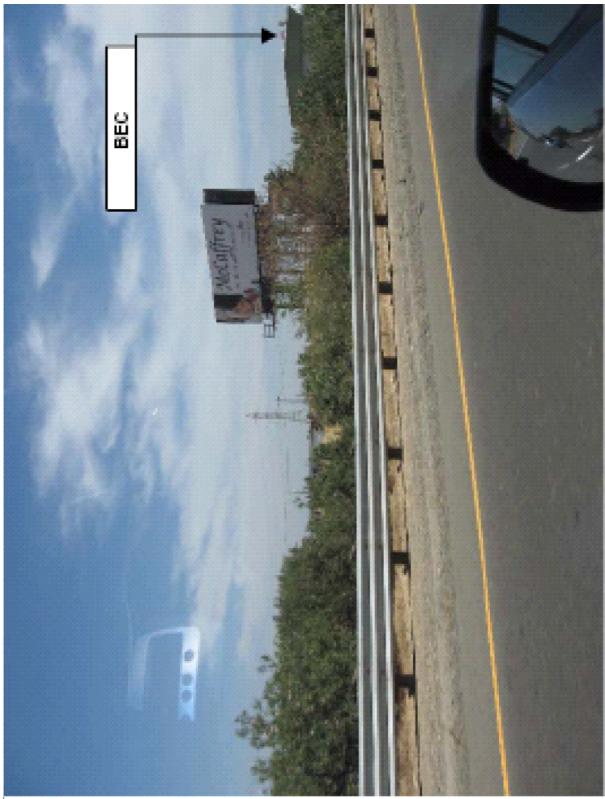
Existing backyard view from newly developed neighborhood approximately 0.3 mile north of the BEC.



Simulated backyard view from newly developed neighborhood approximately 0.3 mile north of BEC.



Existing view from southbound traveler on Highway 99 looking southeast to BEC.



Simulated view from southbound traveler on Highway 99 looking southeast to BEC.

TECHNICAL AREA: WATER RESOURCES

Data Request 32 Rev: The potential for the project to affect surface water was not

addressed in the application.

Information needed: Include discussion of intermittent streams and nearby rivers; if surface water bodies may be affected by the project, provide a discussion of chemical and physical

characteristics.

#### Response:

As described in the response to Data Request 34, surface runoff is currently retained on site and infiltrated in an infiltration basin located in the southwest corner of the property. As described in section 5.5.3.3 (p. 5.5-29), surface runoff will continue to be retained on-site and infiltrated in an infiltration basin. However, the infiltration basin will be relocated to an area near the center of the BEC site. As runoff will be retained on site, runoff from the project will not affect surface waters in the vicinity of the BEC site.

TECHNICAL AREA: WATER RESOURCES

Data Request 33 Rev: Information Required: Average and maximum daily and annual

water demand and waste water discharge for the construction

phase of the project.

#### Response:

#### Water Demand and Waste Water discharge for the construction phase of the project:

The plant construction phase of the project is 16 months in duration and is comprised of two general categories: equipment construction (13 months) and equipment commissioning (3 months).

#### **Equipment Construction Phase:**

Water usage during the construction phase consists of water for human consumption and water for dust control and moisture conditioning of the soil. Table 1 below details the water usage during equipment construction.

Table 1 - Construction Phase (~ 13 months)					
Average Daily Maximum Daily Annual					
Staff Consumption, Gallons	7,800	12,800	1,850,000		
Dust Control and Moisture Conditioning, Gallons	2,500	10,000	1,103,000		
Total	10,300	22,800	2,953,000		

Waste Water discharge during the construction phase of the project will be negligible since sanitary needs will be met with portable toilets and water used for dust control and moisture conditioning will be contained within the soil or evaporated to the atmosphere.

# **Equipment Commissioning Phase:** Water Usage:

Water usage during the commissioning phase of the project will require water for equipment cleaning and equipment commissioning/operation prior to the Commercial Operation Date (COD) in addition to water for human consumption and dust control. Table 2A details water usage during the commissioning phase of plant construction.

Table 2A - Commissioning Phase (~ 3 months); Water Usage					
Average Daily Maximum Daily Total					
Staff Consumption, Gallons	1,400	2,600	83,000		
Dust Control and Moisture Conditioning, Gallons	2,500	3,000	150,000		
System Cleaning, Gallons	10,000	31,000	306,000		
System Operation, Gallons	1,049,000	1,279,000	13,112,500		
Total	1,062,900	1,315,600	13,651,500		

#### **Waste Water Discharge:**

Waste water discharge during the commissioning phase will consist of water recovered from system cleaning and operation waste water discharge. Table 2B details waste water discharge quantities for the commissioning phase of plant construction.

Table 2B - Commissioning Phase (~ 3 months); Waste Water Discharge					
Average Daily Maximum Daily Total					
System Cleaning, Gallons	10,000	31,000	306,000		
System Operation, Gallons	426,000	519,000	5,325,000		
Total	436,000	550,000	5,631,000		

TECHNICAL AREA: WATER RESOURCES

Data Request 34 Rev: Information Required: A description of pre-construction runoff

and drainage patterns.

#### Response:

The pre-construction conditions of the Bullard Project site consists of a partially developed lot once utilized as a trucking company depot, and presently as a concrete pipe construction company staging and maintenance facility. The lot is approximately 1400 feet by 400 feet and is bounded by State Highway 99 on the southwest edge, N. Golden State Boulevard on the northeast edge, an unimproved lot on the northwest edge and a large developed lot on the southeast edge. The site contains one building in the northeast portion of the site and the northeast half is paved parking while the remainder of the lot consists of unimproved parking and a drainage basin located at the southwest corner of the lot. The storm drainage is directed by overland flow to the southwest across a relatively flat area with slopes less than 1% to a closed underground collection system. The underground collection system discharges to the drainage basin at the southwest corner of the site. There is no public storm water conveyance structures located on the lot.

TECHNICAL AREA: WATER RESOURCES

Data Request 35 Rev: Information Required: Clearly identify all required permits in

Table 5.5-15. Include in Table 5.5-15 explicit reference pages and/or sections in the application wherein conformance with each law or standard, during both construction and operation of the facility, is discussed. These pages referenced in the application, which discuss conformance, should explicitly identify

the LORS that will be satisfied.

#### Response:

See revised Table 5.5-15 below:

# TABLE 5.5-15 LORS RELATED TO WATER RESOURCES

LORS RELATED TO WATER RESOURCES			
LORS	Applicability	<b>Conformance and Timing</b>	
Federal			
CWA § 402; 33 USC § 1342; 40 CFR Parts 110, 112, 116	Requires NPDES Permits for construction and industrial stormwater discharges. Requires preparation of a SWPPP and Monitoring Program.	The detention basin outlet structure will be capable of attenuating the peak discharge of the 100-year, 24-hour storm event to predevelopment conditions. A notice of intent (NOI) for coverage under NPDES General Construction Stormwater Permit	

of the 100-year, 24-hour storm event to predevelopment conditions. A notice of intent (NOI) for coverage under NPDES General Construction Stormwater Permit will be filed with the State Water Resources Control Board prior to project construction. A storm water pollution prevention plan (SWPPP) and monitoring plan will also be prepared for management of stormwater during construction activity. Compliance with the requirements of the NPDES General Construction Stormwater Permit will be administered by the Central Valley Regional Water Quality Control Board (see 5.5.3.3, p. 5.5-29; 5.5.6.1 & 5.5.6.2, pp 5.5-31 & 32; section 5.5.8.1, p.

5.5-34)

### TABLE 5.5-15 LORS RELATED TO WATER RESOURCES

LORS	Applicability	Conformance and Timing
CWA § 311; 33 USC § 1342; 40 CFR Parts 122-136	Requires reporting of any prohibited discharge of oil or hazardous substance.	The project will conform by proper management of oils and hazardous substances both during construction and operation as described in section 5.14 Waste Management. Management of oil and hazardous substances will be addressed in the SWPPP prepared in conformance with the NPDES General Construction Stormwater Permit. Compliance with the requirements of the NPDES General Construction Stormwater Permit is administered by the Central Valley Regional Water Quality Control Board. Notification of discharges, should they occur, will be made to the Office of Emergency Services (OES) and/or the Central Valley Regional Water Quality Control Board. (section 5.5.8.2, p. 5.5-38)
State		
CWC § 13552.6	Use of potable domestic water for cooling towers is unreasonable use if suitable recycled water is available.	No permit is required. Project has determined that recycled water is not feasibly available in the vicinity of the project site at this time. Use of recycled water will be reconsidered when it becomes feasibly available to the project site. The project will comply with this requirement through implementation of the potable water offset project subject to the approval of the Central Valley Regional Water Quality Control Board and the CEC (section 5.5.3.1, p. 5.5-19; 5.5.8.2, pp. 5.5-34 - 38).
California Constitution Article 10 § 2	Avoid the waste or unreasonable uses of water. Regulates methods of use and diversion of water.	No permit is required. Project includes appropriate water conservation measures, both during construction and operation. The project will comply with this requirement as well as SWRCB Resolution 75-58 through implementation of the potable water offset project subject to the approval of the Central Valley Regional Water Quality Control Board and the CEC (section 5.5.3.1, p. 5.5-19).

### TABLE 5.5-15 LORS RELATED TO WATER RESOURCES

LORS	Applicability	Conformance and Timing
SWRCB, Resolution No. 75-58	Addresses sources and use of cooling water supplies for power plants which depend on inland waters for cooling and in areas subject to general water shortages.	No permit is required. Project has determined that recycled and other alternative water supplies are not feasibly available at the site at this time. An offset program will be implemented in conjunction with the City of Fresno to offset the use of municipal supply with water produced by treating a non-potable supply. The offset program is subject to the approval of the Central Valley Regional Water Quality Control Board and the CEC. Use of recycled water will be reconsidered when it becomes feasibly available to the project site. (section 5.5.3.1, p. 5.5-19)
Porter-Cologne Water Quality Act of 1972; CWC § 13000-14957, Division 7, Water Quality	Requires State and RWQCBs to adopt water quality initiatives to protect state waters. Those criteria include identification of beneficial uses, narrative and numerical water quality standards.	Project will conform to applicable state water standards, both qualitative and quantitative, prior to plant operation.  Conformance during construction will be achieved through compliance with the requirements of the NPDES General Construction Stormwater Permit issued by the State Water Resources Control Board and administered by the Central Valley Regional Water Quality Control Board. Conformance during operation will be achieved through the elimination of potential discharges in the design of the BEC. The BEC will dispose of wastewater to the sanitary sewer owned and operated by the City of Fresno and will retain stormwater on site. (section 5.5.3.3, pp. 5.5-26 – 5.5-29)
Title 22, CCR	Addresses the use of recycled water for cooling equipment.	No permit is required. Project has investigated the technical and economic feasibility of using reclaimed water and determined that this resource is not currently feasibly available. Use of recycled water will be reconsidered when it becomes feasibly available to the project site. The project will comply with this as well as SWRCB Resolution 75-58 through implementation of the potable water offset project subject to the approval of the Central Valley Regional Water Quality Control Board and the CEC (section 5.5.3.1, pp. 5.5-17 – 5.5-22)

### TABLE 5.5-15 LORS RELATED TO WATER RESOURCES

LORS	Applicability	Conformance and Timing
The Safe Drinking Water and Toxic Enforcement Act of 1986 (proposition 65), Health and Safety Code 25241.5 et seq.	Prohibits the discharge or release of chemicals known to cause cancer or reproductive toxicity into drinking water sources.	No permit is required. Project will conform to all state water quality standards, both qualitative and quantitative. Conformance will be achieved by eliminating potential discharges. The BEC will dispose of wastewater to the sanitary sewer owned and operated by the City of Fresno and will retain stormwater on site. (section 5.5.3.3, pp. 5.5-26 – 5.5-29) Management of wastes is addressed in section 5.5-14 Waste Management.
CWC Section 461	Encourages the conservation of water resources and the maximum reuse of wastewater, particularly in areas where water is in short supply.	No permit is required. Project has investigated the technical and economic feasibility of using reclaimed water and determined that it is not available. However, an offset program will be implemented in conjunction with the City of Fresno to offset the use of municipal supply with water produced by treating a non-potable supply. Use of recycled water will be reconsidered when it becomes feasibly available to the project site. (section 5.5.3.1, p. 5.5-19)
California Public Resources Code § 25523(a); 20 CCR §§ 1752, 1752.5, 2300 – 2309, and Chapter 2 Subchapter 5, Article 1, Appendix B, Part (1)	The code provides for the inclusion of requirements in the CEC's decision on an AFC to assure protection of environmental quality and requires submission of information to the CEC concerning proposed water resources and water quality protection.	No permit is required. Required information is presented in section 5.5 Water Resources. The BEC will comply with the requirements of the CEC to assure protection of water resources. Stipulated conditions concerning proposed water resources and water quality protection are presented in section 5.5.6, pp. 5.5-31 – 33.
CWC §§ 13271 – 13272; 23 CCR §§ 2250 – 2260	Reporting of releases of reportable quantities of hazardous substances or sewage and releases of specified quantities of oil or petroleum products.	No permit is required. Project will conform to all State water quality standards, both qualitative and quantitative. Notifications will be made to OES and/or the Central Valley Regional Water Quality Control Board as appropriate. Waste management is addressed in section 5.14
CEQA, Public Resources Code § 21000 et seq.; CEQA Guidelines, 14 CCR § 15000 et seq.; Appendix G	The CEQA Guidelines (Appendix G) contain definitions of projects which can be considered to cause significant impacts to water resources.	No permit is required. The BEC will comply with the requirements of the CEC to assure protection of water resources.
Local		

### **TABLE 5.5-15** LORS RELATED TO WATER RESOURCES

LORS	Applicability	Conformance and Timing		
City of Fresno General P	lan			
Water Quality Policies and Programs	Non-point sources of water pollution, such as runoff from urban areas, grading, construction, and agricultural activities shall be recognized as potentially significant impacts of development.	Project will conform to all water quality policies and programs, and will have zero discharge off-site from industrial activities. Grading and erosion control plans required by City grading permits will prevent construction impacts.		
Encroachment Permit	For construction in City ROW to construct wastewater disposal line.			
Well abandonment permit	To be obtained prior to activities to abandon existing well.	A well abandonment permit will be obtained from the Fresno County Department of Environmental Health prior to activities to abandon the existing well.		
Notes:				
CEQA = California	Environmental Quality Act of 1970			
NOI - Notice of	Intention			

NOI Notice of Intention

NPDES = National Pollutant Discharge Elimination System

ROW right-of-way

Regional Water Quality Control Boards RWQCB = SWRCB = State Water Resources Control Board

USC U.S. Code

TECHNICAL AREA: WATER RESOURCES

Data Request 36 Rev:

Information Required: Clearly identify in Table 5.5-15 the jurisdictional agency for each LORS or permit that is listed. For example, for the CWA and the NPDES permit, identify the

RWQCB as the jurisdictional agency.

#### Response:

See revised Table 5.5-15 in Data Response 35 above.

TECHNICAL AREA: WATER RESOURCES

Data Request 37 Rev: Generalized statements that the project will comply with

requirements are insufficient. The application must provide a discussion of the provisions or procedures the project will employ

to conform to requirements.

Information Required: Discussion of conformity with the water quality requirements (prohibited discharges) of the Clean Water Act, the California Water Code, the Safe Drinking Water and Toxic Enforcement Act, and the Porter-Cologne Water Quality

Control Act.

#### Response:

See revised Table 5.5-15 in Data Response 35 above.

TECHNICAL AREA: WATER RESOURCES

Data Request 38 Rev: Information Required: Provide contact information for each

agency with jurisdiction to issue permits or to enforce LORS that is listed in Table 5.5-15. (Once Table 5.5-15 has been corrected and completed, review Table 5.5-16 and add contact information

for any agencies that have been omitted.)

#### Response:

See revised Table 5.5-16 below:

### TABLE 5.5-16 AGENCY CONTACTS

Agency	Contact	Title	Telephone
California Regional Water Quality Control Board, Central Valley Region	Jo Anne Kipps	Senior Water Resource Control Engineer	559-445-5035
Fresno County Department of Environmental Health	Permit Officer on Duty		559-445-3537
City of Fresno Water Division	Lon M. Martin, P.E.	Water System Manager	559-621-8616
City of Fresno Wastewater Division	Steve Hogg		
Office of Emergency Services	Officer on Duty		800-852-7550